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User Guide

INSIGNIA™

19" LCD TV with Decorative Faceplates
NS-L19X-10A

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INSIGNIA™

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CHILD SAFETY

It makes a difference how and where you use your flat panel display

As you enjoy your new product, keep these safety tips in mind

The issue

The home theater entertainment experience is a growing trend, and larger TVs are popular purchases. However, TVs are not always supported on the proper stands or installed according to the manufacturer's recommendations. We and the consumer electronics industry are committed to making home entertainment enjoyable and safe.

TVs that are inappropriately placed on dressers, bookcases, shelves, desks, speakers, chests, or carts may fall over and cause injury.

Tune into safety

- One size of TV stand does **not** fit all. Use only a TV stand rated for the weight of your TV.
- Carefully read and understand all enclosed instructions for proper use of this product.
- Don't let children climb on or play with entertainment system furniture and TVs.
- Don't place TVs on furniture that can easily be used as steps, such as a chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger-than-life" TV. Make sure that you place or install the TV where it cannot be pushed, pulled over, or knocked down.
- Make sure that you route all cords and cables so that they cannot be pulled or grabbed by curious children.

Wall mounting

If you decide to wall mount your TV, always remember:

- One size of wall mount does **not** fit all. Use only a wall mount rated for the weight of your TV and that has been recommended by this TV manufacturer, listed in this manual, or otherwise listed by an independent laboratory as suitable for your TV.
- Follow all instructions supplied by the TV and wall mount manufacturers.
- If you have any doubts about your ability to safely wall mount your TV, get help from a professional installer.
- Make sure that the wall where you are mounting the TV is appropriate. Some wall mounts are not designed to be mounted to walls backed with steel studs or cinder blocks. If you are unsure, ask a professional installer.
- TVs can be heavy. At least two people are required for safe wall mount installation.

CEA
Consumer Electronics Association

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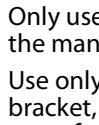
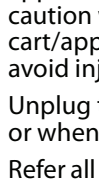
Important safety instructions

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your TV. This label is located on the back of your TV.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying your TV.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. The *mains plug* is the disconnecting device. The plug must remain readily operable.
16. The apparatus with grounding-type plug is a class I apparatus. Class I apparatus need to be connected to earth ground wire to prevent possible electric shock. Make sure that you connect the class I apparatus to a mains socket outlet with a protective earthing connection.
17. Remote control batteries should not be exposed to excessive heat such as sunshine, fire, or the like.
18. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

Warnings

Electric shock hazard

To reduce the risk of fire or electric shock, do not remove any cover or expose the device to rain or moisture. No user-serviceable parts are inside. Refer servicing to qualified service technicians.

Lightning

For added protection for your device receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the power outlet and disconnect any antenna or cable system. This helps prevent property damage and personal injury from lightning and power line surges.

Power lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

Handling the LCD panel

- Your TV's screen is made of glass. Do not drop your TV or hit, jolt, or press hard against the LCD panel. If the screen breaks, be careful of broken glass.
- If the LCD panel is broken, make absolutely sure that you do not touch the liquid in the panel. This may cause skin inflammation.
- If the liquid gets in your mouth, immediately gargle, rinse, and consult with your doctor. Also, if the liquid gets in your eyes or touches your skin, consult with your doctor after rinsing for at least 15 minutes or longer in clean water.

Replacement parts

When replacement parts are required, make sure that the service technician uses replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, personal injury, or other hazards.

Safety check

After completing any service or repair to this device, ask the service technician to perform routine safety checks to determine that your TV is in correct operating condition.

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Power source

Operate your TV only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult an electrician or your local power company.

Cautions

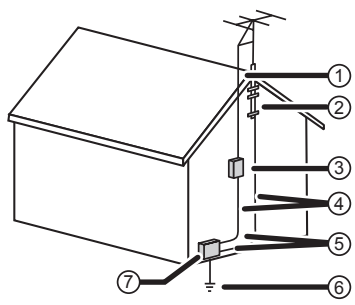
Damage requiring service

Unplug this TV from the power outlet and refer servicing to qualified service personnel under the following conditions:

- When the power supply cord or plug is damaged or frayed.
- If liquid has been spilled or objects have fallen into your TV.
- If your TV has been exposed to rain or water.
- If your TV does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions because incorrect adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore your TV to its normal operation.
- If your TV has been dropped or damaged in any way.
- When your TV exhibits a distinct change in performance.

Outdoor antenna grounding

If an outside antenna or cable system is connected to your TV, make sure that the antenna or cable system is grounded to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA No. 70, provides information with respect to correct grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of the antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



1	Antenna lead-in wire
2	Grounding clamp
3	Antenna discharge unit
4	Grounding conductors
5	Ground clamps
6	Power service grounding electrode system
7	Electric service equipment

Note to CATV system installer

Article 820 of the National Electrical Code, ANSI/NFPA No. 40 provides guidance for correct grounding. Specifically, it states that the cable ground must be connected to the grounding system of the building as close to the point of cable entry as practical.

Condensation

Moisture will form on the TV if the TV is brought from cool surroundings into a warm room or if the temperature of the room rises suddenly. When this happens, the TV's performance may be impaired. To prevent this, let the TV stand in its new surroundings for about an hour before switching it on, or make sure that the room temperature rises gradually.

Condensation may also form during the summer if the TV is exposed to the breeze from an air conditioner. In such cases, change the location of the TV.

Mobile telephone warning

To avoid interference with your TV picture and sound, operating problems, or even damage, keep your cordless and cellular telephones away from the TV.

End of life directives

Your TV contains tin-lead solder and a fluorescent lamp containing a small amount of mercury. Disposal of these materials may be regulated for environmental reasons. Your TV also contains material that can be recycled and reused. For disposal or recycling information, contact your local authorities or the Electronic Industries Alliance at www.eia.org to find a recycler in your area.

Non-active pixels

The LCD panel contains almost 3 million thin film transistors, which provide exceptionally sharp video quality. Occasionally, a few non-active pixels may appear on the screen as a fixed blue, green, or red point. These non-active pixels do not adversely affect the performance of your TV, and are not considered defects.

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Introduction

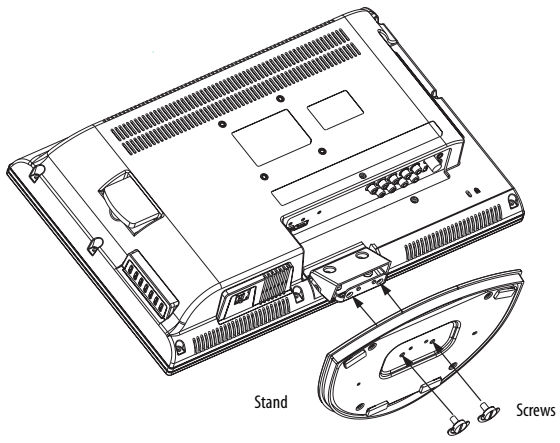
Congratulations on your purchase of a high-quality Insignia product. Your NS-L19X-10A represents the state of the art in LCD TV design and is designed for reliable and trouble-free performance.

Installing the stand or wall-mount bracket

Installing the stand

To install the stand:

1. Carefully place your TV screen face-down on a cushioned, clean surface to protect the screen from damages and scratches.
2. Secure the stand to the screen with the two included screws.



3. To remove the stand from the TV, perform these steps in reverse order.

Installing a wall-mount bracket

If you want to attach your TV to a wall-mount bracket (not provided), you must first remove the stand column.

To remove the stand column:

1. Lay your TV face down on a table or bench. Make sure that you put down a soft cushion or cloth so that your TV does not get scratched.
2. Remove the two screws holding the stand column to your TV, then remove the stand column.

Note

The appearance of the product in these instructions may differ from your actual product, and is for comparative purposes only.

To attach your TV to a wall-mount bracket:

Warning

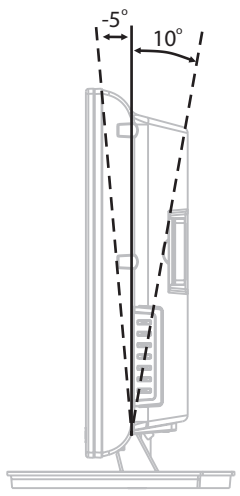
These servicing instructions are for use by qualified service personnel only. To reduce the risk of hazards, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

1. Remove the stand column.
2. Secure the wall-mount bracket to the back of your TV using the four M4 screws provided with bracket.

Adjusting the viewing angle

To adjust the viewing angle:

- Adjust the angle forward 5° to back 10°.



Caution

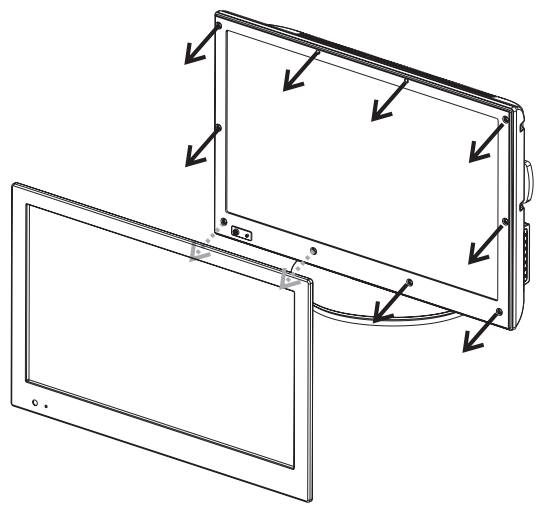
When adjusting the angle, be careful not to tip the TV.

Replacing the decorative faceplate

Replacing the decorative faceplate

To replace the faceplate:

1. Carefully pull the decorative faceplate off your TV.



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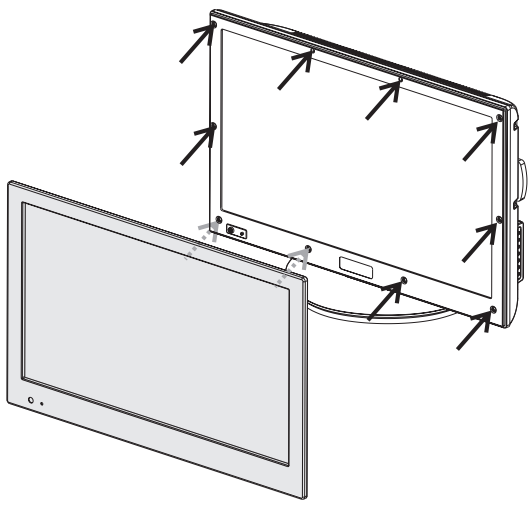
2 Align the plastic studs on the new faceplate with the holes on the front of your TV, then press firmly to install the new decorative faceplate.



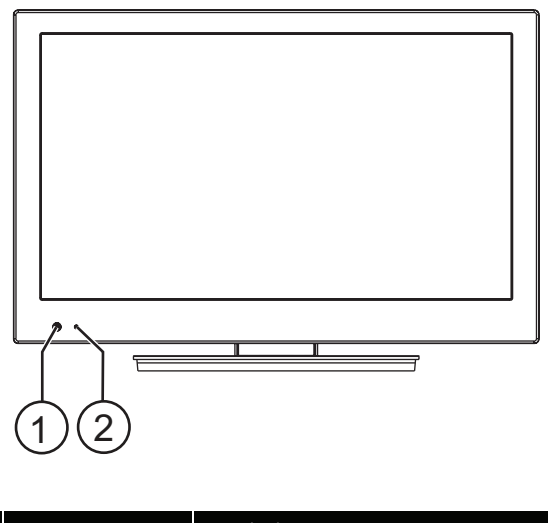
TV components

Accessories

Make sure that the following accessories are provided in the packaging:

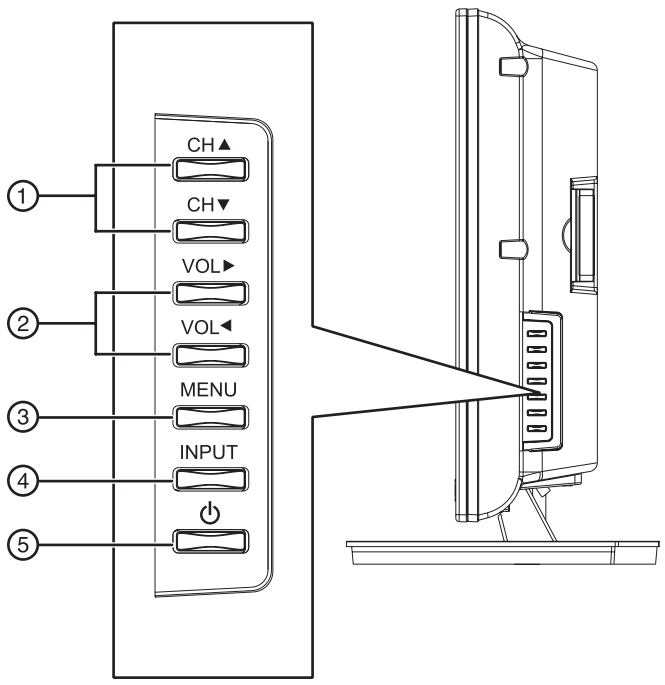
- Remote control
- Lithium battery
- Decorative faceplates (2) One pre-installed
- *User Guide*
- *Quick Setup Guide*
- External radio antenna
- Component cable

Front



#	Item	Description
1	Remote control sensor	Receives signals from the remote control. Do not block.
2	Power indicator	Lights blue when your TV is on. Lights red when your TV is off (standby mode). When your TV is off, power still flows into it. To disconnect all power, unplug the power cord.

Side buttons



#	Button	Description
1	CH ▲/CH ▼	Press to go to the next or previous channel in the channel list.
2	VOL ◄.VOL ►	Press to decrease or increase the volume.
3	MENU	Press to open the on-screen menu.
4	INPUT	Press to open the *Input Source* menu and select the video input source.
5	⏻ (power)	Press to turn your TV on or off (standby mode). When your TV is turned off, power still flows into it. To disconnect all power, unplug the power cord.

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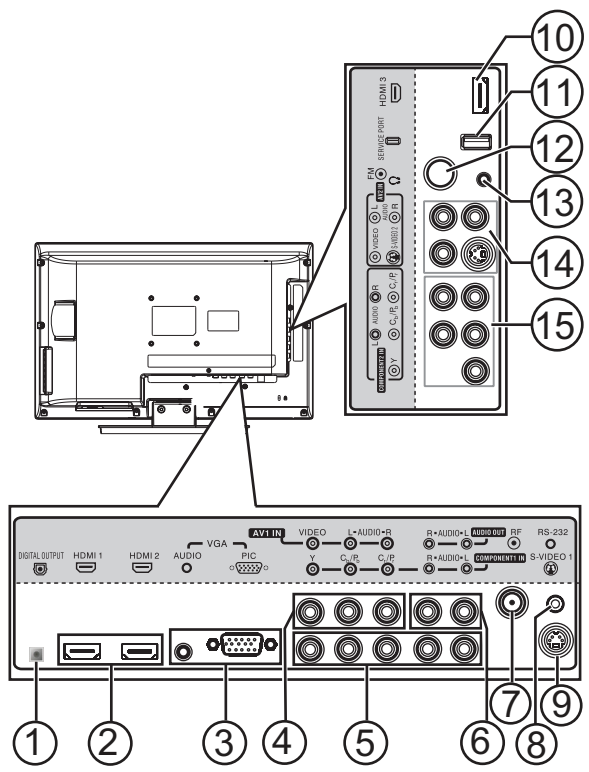
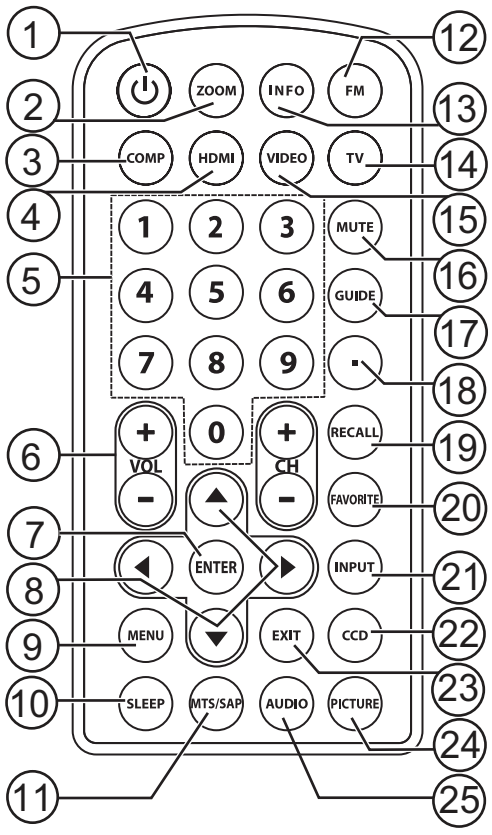
Back



#	Jack	Description
11	SERVICE PORT	Service port for upgrading firmware. Do not use.
12	FM	Connect the 75 ohm coaxial cable from an FM antenna to this jack.
13	∩ (headphone)	Connect headphones to this jack. For more information, see “Connecting headphones” on page 12.
14	AV2 IN VIDEO/S-VIDEO2 and L/R AUDIO	Connect the video and audio output from an AV device to this jack. For more information, see “Connecting a camcorder or game” on page 10.
15	COMPONENT2 IN Y, Cb/Pb, Cr/Pr and L/R AUDIO	Connect the video and audio output from a component video device to these jacks. For more information, see “Connecting a component video device” on page 10.

#	Jack	Description
1	DIGITAL OUTPUT	Connect a digital optical cable to this jack to output a digital audio signal to a digital audio amplifier. For more information, see “Connecting a digital sound system” on page 12.
2	HDMI1/HDMI2	Connect an HDMI device, such as a cable box or DVD player, to this jack. An HDMI cable carries both video and audio, so you do not need to make an audio connection. For more information, see “Connecting an HDMI device” on page 10.
3	VGA AUDIO/VGA PIC	Connect the audio and video outputs from your computer to these jacks. For more information, see “Connecting a computer” on page 11.
4	AV1 VIDEO and L/R AUDIO	Connect the video and audio output from an AV device to this jack. For more information, see “Connecting a VCR” on page 9.
5	COMPONENT1 IN Y, Cb/Pb, Cr/Pr and L/R AUDIO	Connect the video and audio output from a component video device to these jacks. For more information, see “Connecting a component video device” on page 10.
6	AUDIO OUT L/R	Connect these jacks to an external audio amplifier to hear your TV sound through a stereo amplifier. For more information, see “Connecting an audio amplifier” on page 11.
7	RF	Connect an antenna, cable TV, or cable/satellite box output cable to this jack. For more information, see “Connecting an antenna, cable TV, or satellite TV box” on page 9.
8	RS-232	For service only. Do not use.
9	S-VIDEO 1	Connect the S-Video output from a video device such as a DVD player, camcorder, or game console to this jack. For more information, see “Connecting a VCR’ on page 9.
10	HDMI 3	Connect an HDMI device, such as a cable box or DVD player, to this jack. An HDMI cable carries both video and audio, so you do not need to make an audio connection. For more information, see “Connecting an HDMI device” on page 10.

Remote control



#	Button	Description
1	⏻ (power)	Press to turn your TV on or off (standby mode). When your TV is turned off, power still flows into it. To disconnect all power, unplug the power cord.
2	ZOOM	Press to select the aspect ratio of the picture. You can select **Normal**, **Zoom**, **Wide**, **Cinema**, or **Auto Zoom**. For more information, see “Adjusting the TV picture” on page 16.
3	COMP	Press to select a component input source. Press once for **Component 1**. Press twice for **Component 2**.
4	HDMI	Press to select an HDMI input source. Press once for **HDMI 1**. Press twice for **HDMI 2**. Press three times for **HDMI 3**.
5	Numbers	Press to directly enter channel or FM radio frequency numbers, or to enter the Parental Control password.
6	VOL +/VOL –	Press to increase or decrease the volume.

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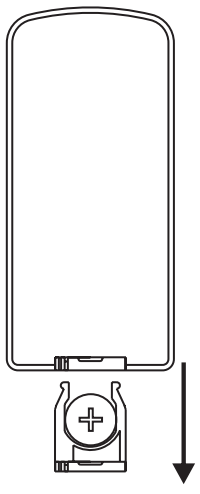
#	Button	Description
⑦	ENTER	Press to confirm selections in an on-screen menu, or to open a submenu.
⑧	▲ ▼ ◀ ▶	Press to navigate within the on-screen menus. For more information, see "Navigating the menus" on page 14.
⑨	MENU	Press to open the on-screen menus. For more information, see "Navigating the menus" on page 14.
⑩	SLEEP	Press to set the sleep timer. For more information, see "Setting the sleep timer" on page 27.
⑪	MTS/SAP	Press to select the audio mode. For analog channels, you can select **STEREO**, **SAP** (secondary audio program), or **MONO**. For digital channels, you can select the audio track (if more than one track is available). For more information, see "Selecting the audio mode" on page 18.
⑫	FM	Press to switch to FM radio mode. For more information, see "Switching to FM mode" on page 29.
⑬	INFO	Press to display the information banner.
⑭	TV	Press to select TV mode.
⑮	VIDEO	Press to select an video input source. Press once for **AV1**. Press twice for **AV2**. Press three times for **S-VIDEO1**. Press four times for **S-VIDEO2**.
⑯	MUTE	Press to turn off the sound. Press again to restore the sound.
⑰	GUIDE	Press to display program guide information (if available) for DTV broadcasts.
⑱	● (dot)	Press to enter a program number for a digital sub-channel. For more information, see "Digital sub-channels" on page 15.
⑲	RECALL	Press to return to the last channel viewed.
⑳	FAVORITE	Press to display your favorite channel list. For more information, see "Setting up a favorite channel list" on page 20.
㉑	INPUT	Press to display the input source menu. For more information, see "Selecting the video input source" on page 13.
㉒	CCD	Press to turn on closed captioning. For more information, see "Turning closed captioning on or off" on page 25.
㉓	EXIT	Press to exit the on-screen menu.
㉔	PICTURE	Press to select the picture mode. For more information, see "Adjusting the TV picture" on page 16.
㉕	AUDIO	Press to select the audio mode. For more information, see "Selecting the audio mode" on page 18.

Using the remote control

Installing the remote control battery

To install the remote control battery:

1. Remove the battery holder from the bottom of the remote control.



2. Insert a lithium battery into the battery holder. Make sure that (+) symbol on the battery facing up.
3. Reinsert the battery holder into the bottom of the remote control.

Cautions

- Batteries should not be exposed to excessive heat, such as sunshine, heat registers, or fire.
- Battery chemicals can cause a rash. If the battery leaks, clean the battery holder with a cloth. If chemicals touch your skin, wash immediately.
- Make sure that batteries are disposed of correctly. Do not burn or incinerate.

Notes

- Remove the battery when the charge is depleted.
- If the remote control is not going to be used for an extended period of time, remove the battery.

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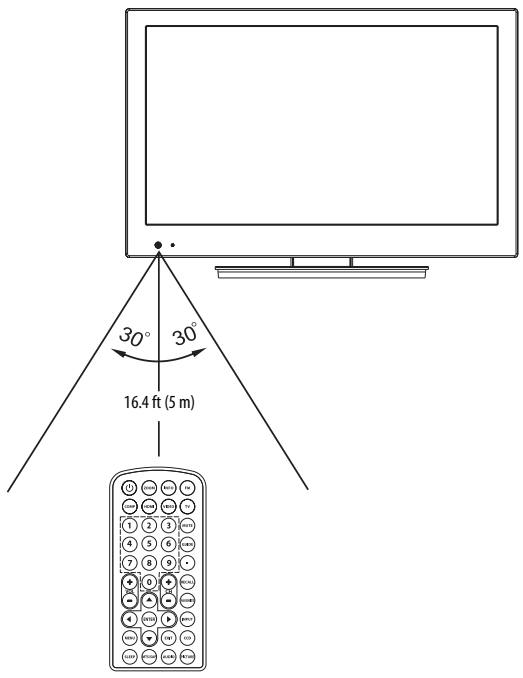
Aiming the remote control

To aim the remote control:

- Point the remote control toward the remote control sensor on the front of your TV.



Notes

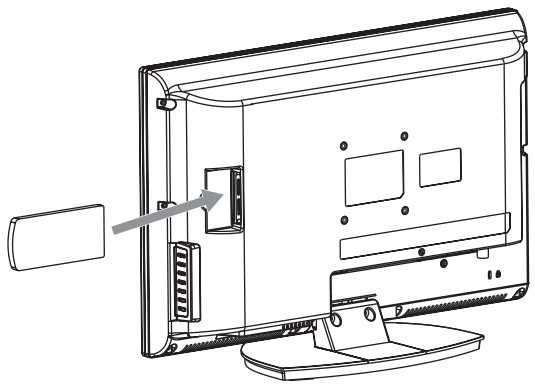
- Do not expose the remote control to shock.
- Do not expose the remote control to liquids and do not use the remote control in an area with high humidity.
- Do not place the remote control in areas of high heat or direct sunlight. The heat may warp the battery case.
- The remote control may not work correctly if sunlight or bright light is shining on the remote control sensor. To correct this problem, move your TV or use the remote control closed to the remote control sensor.

Storing the remote control

Your TV has a storage slot for storing the remote control when it is not being used.

To store the remote control:

- Slide the remote control into the storage slot of the side of your TV.



Programming a universal remote control to work with your TV

You can operate your Insignia TV with a new or existing universal remote control.

To program a universal remote control:

1. Find the code for your universal remote control by identifying its model (or your set-top box's remote control manufacturer and model) on the charts below, then making note of the numbered code below it. You will use the numbered code to program your remote control to work with your Insignia TV.

Insignia TV codes for universal remote controls (for all Insignia TVs manufactured after Jan. 1, 2007)

Universal remote control manufacturers and models				
Philips PHDVD5, PH5DSS, PMDVR8, PDVR8	RCA RCU807	One for All URC-6690	Sony RM-VL600	
115	**135**	**0464**	**8043**	

Set-top box manufacturers and models				
Comcast M1057	Dish Network VIP508, VIP622	Motorola DRC800	TIVO Series 3, HD	DirectTV RC23
0463	**720**	**0463**	**0091**	**10463**

Codes for other remote controls are available online at: www.insigniaproducts.com/universalcontrolcodes.aspx

Tips

- The brand name is often visible on the front of the universal remote control, and the model number is often visible on the back.
- If your universal remote control isn't listed on the chart, refer to your universal remote control's instructions and try codes for the brands Orion, Emerson, Memorex, Sansui, Sylvania, or Zenith. You may need to try several codes before finding a match.

2. Follow your universal remote control's instructions to enter the TV code you found in Step 1.

Tips

- If your universal remote control has a code search feature, run a code search to identify a code that matches your TV. See your universal remote control's instructions for details.
- If your universal remote control has a "Learn" feature, you can manually program it using the Insignia TV remote to "teach" the commands one at a time. See your universal remote control's instructions for details.

3. If all else fails, you must use a different universal remote control that can operate both your set-top box and your TV. Five such remotes are listed on the chart, but many other compatible models are available in the market.

   For more help, call technical support for your universal remote control or set-top box manufacturer, or call the Insignia Customer Care Center at 1-877-467-4289.

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Making connections

Cautions

- Check the terminals for position and type before making any connections.
- Loose connections can result in image or color problems. Make sure that all connections are tight and secure.
- The external audio/video equipment shown in these illustrations may be different from your equipment. If you have questions, refer to the user manual that came with your equipment.
- Always turn the power off when connecting external equipment.

Connecting the power

To connect the power:

- Plug the AC cord into an AC power outlet.

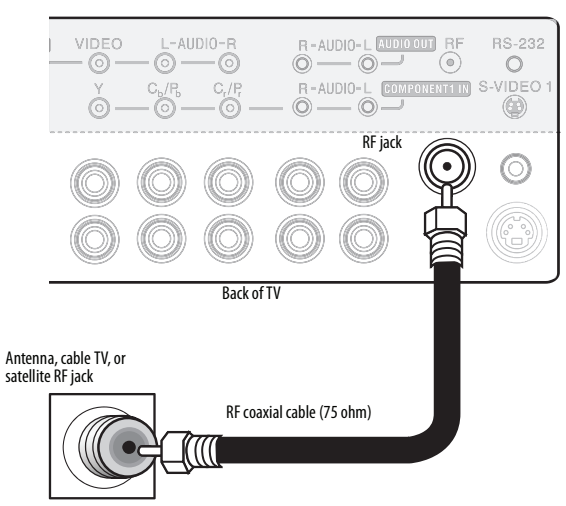
Notes

- Your TV should only be operated from the power source indicated on the label.
- Always unplug the AC power cord from the AC power outlet when you will not be using your TV for an extended period of time.

Connecting an antenna, cable TV, or satellite TV box

To connect an antenna, cable TV, or satellite TV box:

1. Connect one end of a 75 ohm cable (not included) to the **RF OUT** jack on the antenna or on the cable or satellite TV box.



2. Connect the other end of the cable to the **RF** jack on the back of your TV.

Notes

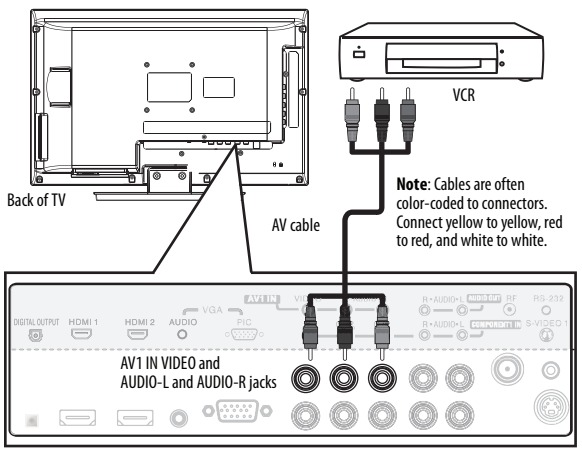
- Use a 75 ohm cable to eliminate interference and noise from radio waves.
- Do not bundle the 75 ohm cable with the power cord or other cables.
- If the antenna is not installed correctly, contact qualified service personnel to correct the problem.

Connecting a VCR

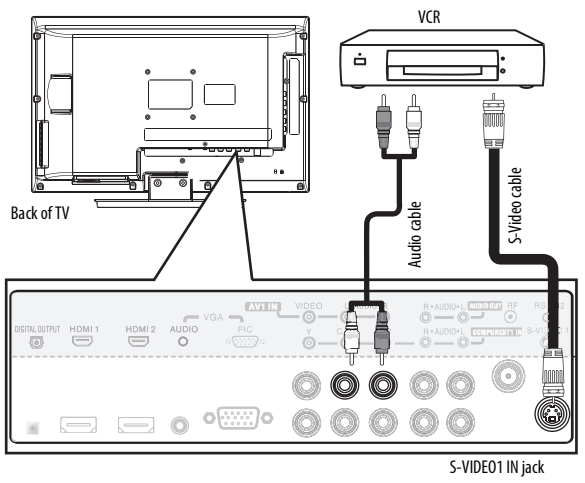
To connect a VCR:

1. Make sure that your TV's power cord is unplugged and the VCR is turned off.

   Connect an AV cable to the **AV VIDEO OUT** jack on the VCR. For a better picture, you can connect an S-Video cable to the **S-VIDEO OUT** jack instead of the **AV VIDEO OUT** jack.


VCR
Back of TV
AV cable
Note: Cables are often color-coded to connectors. Connect yellow to yellow, red to red, and white to white.
AV1 IN VIDEO and AUDIO-L and AUDIO-R jacks

OR



2. Connect the other end of the cable to the **AV1 IN VIDEO** jack on the back of your TV. For a better picture, you can connect an S-Video cable to the **S-VIDEO 1** jack instead of using an AV cable with the **AV1 IN VIDEO** jack.
3. Connect an audio cable to the **AV AUDIO OUT** jacks on the VCR.
4. Connect the other end of the cable to the **AV1 IN AUDIO-L** and **AUDIO-R** jacks on the back of your TV.

To play from the VCR:

1. Turn on your TV, then press **INPUT**. The *INPUT SOURCE* menu opens.
2. Press ▲ or ▼ to select **AV1** or **S-VIDEO 1**, then press **ENTER**.

Note

You can also press **VIDEO** once for **AV1** or three times for **S-VIDEO 1**.

3. Turn on the VCR, insert a videotape, then press **PLAY** on the VCR.

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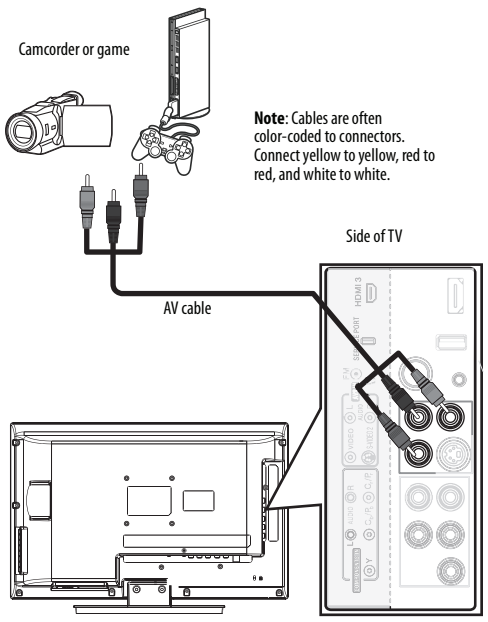
Connecting a camcorder or game

Tip

Some game consoles have an HDMI connector, which can be used for a better picture.

To connect a camcorder or game:

1. Make sure that your TV's power cord is unplugged and the camcorder or game is turned off.
2. Connect an AV cable to the **AV OUT VIDEO**, **AUDIO-L**, and **AUDIO-R** jacks on the camcorder or game.


Camcorder or game
Note: Cables are often color-coded to connectors. Connect yellow to yellow, red to red, and white to white.
Side of TV
AV cable

3. Connect the other end of the cable to the **AV2 IN VIDEO**, **AUDIO-L**, and **AUDIO-R** jacks on the side of your TV.

To play from a camcorder or game:

1. Turn on your TV, then press **INPUT**. The *INPUT SOURCE* menu opens.
2. Press ▲ or ▼ to select **AV2**, then press **ENTER**.

Tip

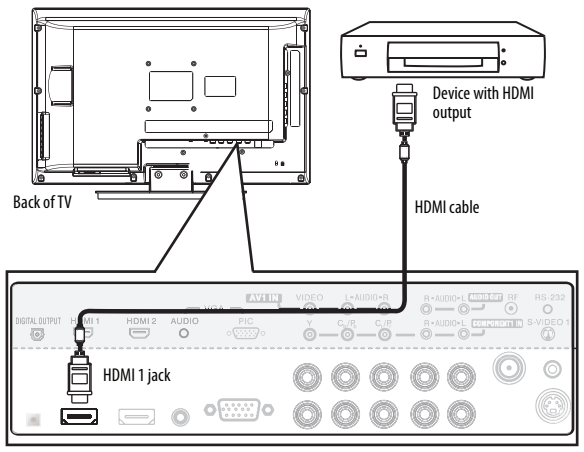
You can also press **VIDEO** twice for **AV2**.

3. Turn on the camcorder or game, and set it to the correct output mode. See the camcorder's or game's user guides for more information.

Connecting an HDMI device

To connect an HDMI device:

1. Make sure that your TV's power cord is unplugged and the HDMI device is turned off.
2. Connect an HDMI cable to the **HDMI OUT** jack on the HDMI device.



3. Connect the other end of the cable to the **HDMI 1** or **HDMI 2** jack on the back of your TV (you can also use the **HDMI3** jack on the side of your TV.

To play from the HDMI device:

1. Turn on your TV, then press **INPUT**. The *INPUT SOURCE* menu opens.
2. Press ▲ or ▼ to select **HDMI1, HDMI2**, or **HDMI3**, then press **ENTER**.

Tip

You can also press **HDMI** repeatedly for **HDMI**.

3. Turn on the HDMI device, and set it to the correct output mode. See the HDMI device's user guide for more information.

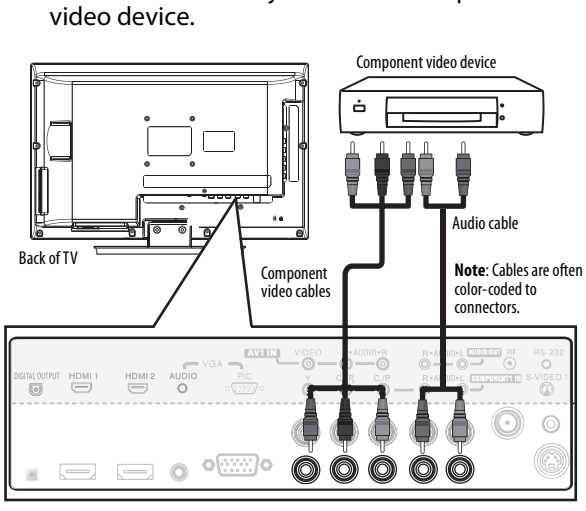
Note

If the external device has DVI output only, use a DVI-to-HDMI adapter to connect to the **HDMI** jack, then connect an audio cable to the **VGA AUDIO** jack.

Connecting a component video device

To connect a component video device:

1. Make sure that your TV's power cord is unplugged and the component video device is turned off.
2. Connect a component video cable to the **COMPONENT OUT** jacks on the component video device.



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3 Connect the other end of the component video cable to the **COMPONENT1 IN** jacks on the back of your TV (you can also use the **COMPONENT2 IN** jacks on the side of your TV).

4 Connect an audio cable to the **AUDIO OUT** jacks (L/R) on the component device.

5 Connect the other end of the audio cable to the **COMPONENT AUDIO-R** and **AUDIO-L** jacks on the back of your TV.

To play from a component device:

1 Turn on your TV, then press **INPUT**. The *INPUT SOURCE* menu opens.

2 Press ▲ or ▼ to select **Component 1 or Component 2**, then press **ENTER**.

Tip

You can also press **COMP** repeatedly for **Component 1 or Component 2**.

3 Turn on the component video device and set it to the correct output mode. See the component video device's user guide for more information.

Connecting a computer

Tip

Some computers have an HDMI connector, which can be used for a better picture.

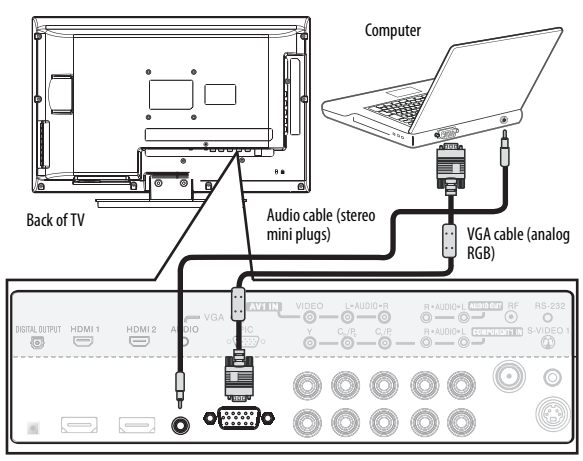
To connect a computer:

1 Make sure that your TV's power cord is unplugged and the computer is turned off.

2 Connect a VGA cable to the **VGA** jack on the computer, then connect the other end of the cable to the **VGA PIC** jack on the back of your TV.

Note

The VGA cable should be a 15-pin D-Sub (analog RGB) cable.



3 Connect an audio cable to the **AUDIO OUT** jack on the computer, then connect the other end of the cable to the **VGA AUDIO** jack on the back of your TV.

Note

The audio cable should have a stereo mini plug.

To play video from a computer:

1 Turn on your TV, then press **INPUT**. The *INPUT SOURCE* menu opens.

2 Press ▲ or ▼ to select **VGA**, then press **ENTER**.

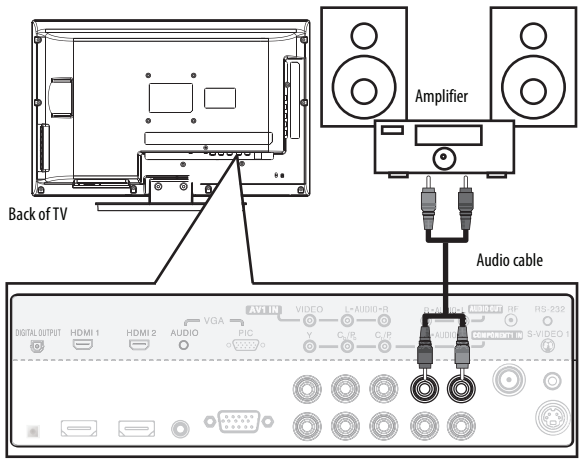
3 Turn on the computer, then adjust the display properties, if necessary.

Connecting an audio amplifier

To connect an audio amplifier:

1 Make sure that your TV's power cord is unplugged and the amplifier is turned off.

2 Connect an audio cable to the **AUDIO OUT** jacks (L/R) on your TV.



Note: Cables are often color-coded to connectors. Connect red to red and white to white.

3 Connect the other end of the cable to the audio input jacks (L/R) on your amplifier.

To play the TV sound through an audio amplifier:

1 Turn on your TV and select a program to watch.

2 Turn on your amplifier, select the TV sound source, then adjust the volume to a comfortable level.

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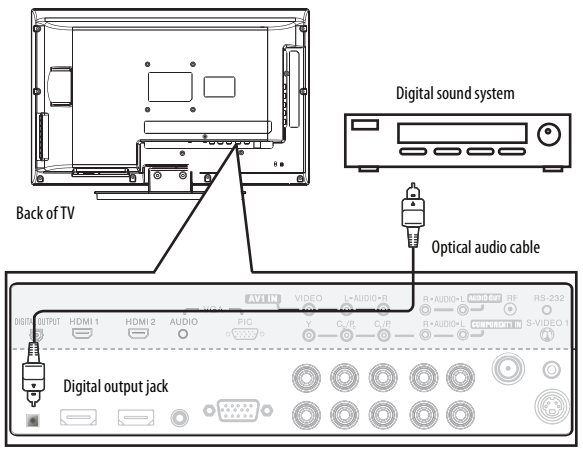
Connecting a digital sound system

To connect a digital sound system:

1. Make sure that your TV's power cord is unplugged and the digital sound system is turned off.
2. Connect a digital optical audio cable to the **S/PDIF IN** jack on the digital sound system.



3. Connect the other end of the cable to the **DIGITAL OUTPUT** jack on the back of your TV.

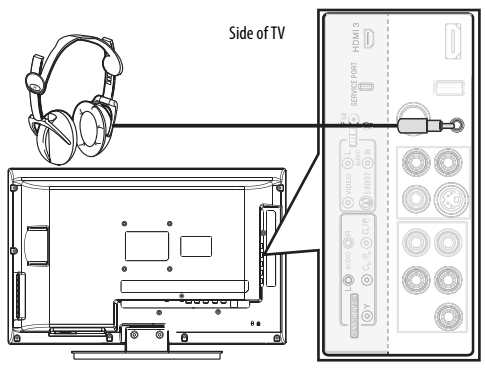
Note

The **DIGITAL OUTPUT** jack works with digital TV channels only.

Connecting headphones

To connect headphones:

- Connect the headphones to the headphone jack on the side of your TV.



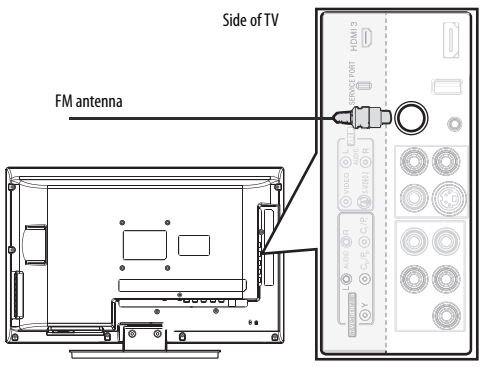
Note

Loud noise can damage your hearing. When using headphones, use the lowest volume setting that still lets you hear the sound.

Connecting an FM radio antenna

To connect an FM radio antenna

- Connect the FM antenna (provided) to the FM antenna jack on the side of your TV.



Notes

For best reception, fully extend the FM antenna.

Keep the FM antenna as horizontal as possible.

If FM reception is poor in your area, us an outdoor FM antenna (not provided) and connect it to your TV with 75 ohm coaxial cable (not provided).

To listen to FM radio:

1. Turn on your TV, then press **INPUT**. The *INPUT SOURCE* menu opens.
2. Press ▲ or ▼ to select **FM**, then press **ENTER**.

Tip

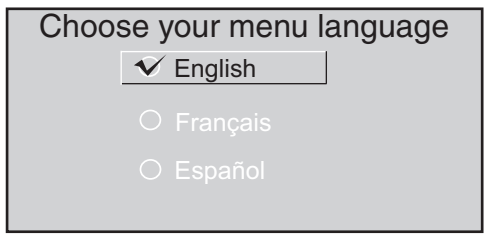
You can also press **FM** on the remote control.

Turning on your TV for the first time

Before you use your TV the first time, make sure to remove the protection film from the back cabinet, otherwise the ventilation openings will be blocked, which may cause overheating and other serious problems.

To configure your TV:

1. Make sure that you have inserted the battery in the remote control, connected the antenna to the TV, and connect the AC power.
2. Press ⏻ (Power), then wait several seconds. The initial setup screen opens (only the first time you turn on your TV).



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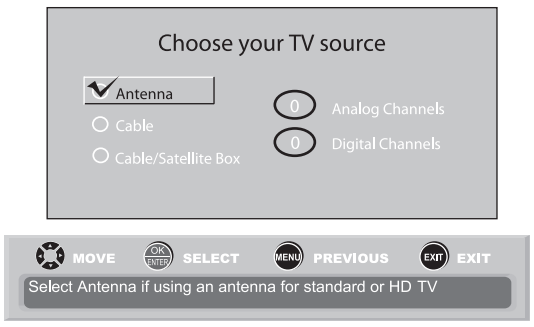
3 Press ▲ or ▼ to select the menu language you want, then press **ENTER**. The *Choose your TV source* screen opens.



4 Press ▲ or ▼ to select **Antenna**, **Cable**, or **Cable/Satellite Box**, depending on the type of connection you have:

- If you are using an antenna for a standard or HD TV signal, select **Antenna**.
- If your cable is connected directly to the TV (using no tuner box), select **Cable**.
- If your cable is connected to your TV through a tuner box, select **Cable/Satellite Box.**

5 Press **ENTER** when you have selected.

If you selected **Antenna** or **Cable**, the TV searches automatically for available channels in your area and stores the channel information in the channel list. This may take several minutes. While searching, the TV displays a progress report.

- OR -

If you selected **Cable/Satellite Box**, the auto channel search is not necessary.

Note

You can press **EXIT** to stop the auto channel search, but you will need to run the auto channel search again to create a channel list.

6 Select the corresponding video input source through the *Input Source* menu.

Understanding the basics

Turning your TV on or off

To turn your TV on or off (standby mode):

1 Plug the power cord into an AC power outlet.

2 Press ⏻ (power). Your TV turns on.

3 Press ⏻ again to turn off your TV. When you turn off your TV, it goes into standby mode.

Warning

When your TV is in standby mode, it is still receiving power. To completely disconnect power, unplug the power cord.

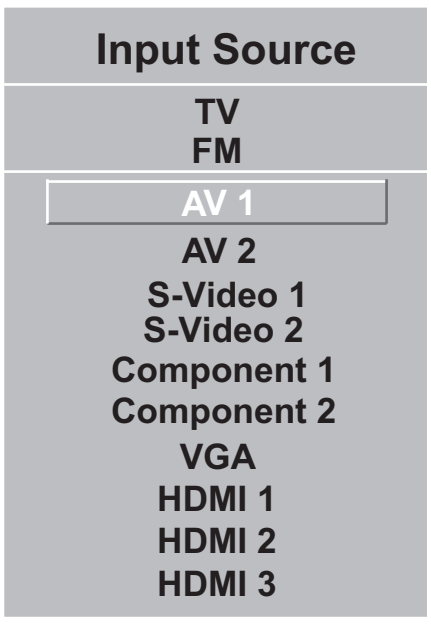
Note

If your TV does not receive an input signal for several minutes, it automatically goes into standby mode.

Selecting the video input source

To select the video input source:

1 Turn on your TV, then press the **INPUT** key on the remote, or the **INPUT** button on the TV. The *INPUT SOURCE* menu opens.



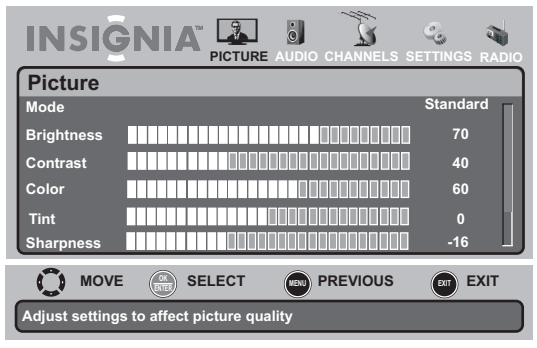
2 Press ▲ or ▼ to highlight the video source, then press **ENTER**.

You can also select the input source using the following remote control buttons:

- **COMP**—Press once to select **Component 1**. Press twice to select **Component 2**.
- **HDMI**–Press once to select **HDMI 1**. Press twice to select **HDMI 2**. Press three times to select **HDMI 3**.
- **VIDEO**—Press once to select **AV1**. Press twice to select **AV2**. Press three times to select **S-Video 1**. Press four times to select **S-Video 2**.
- **TV**—Press to select **TV**.
- **FM**—Press to select **FM** radio.

On-screen menu overview

Picture menu (TV mode)



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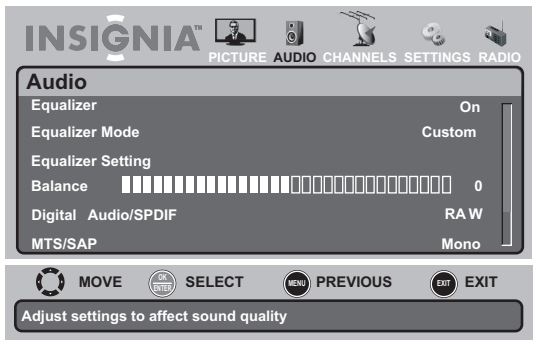
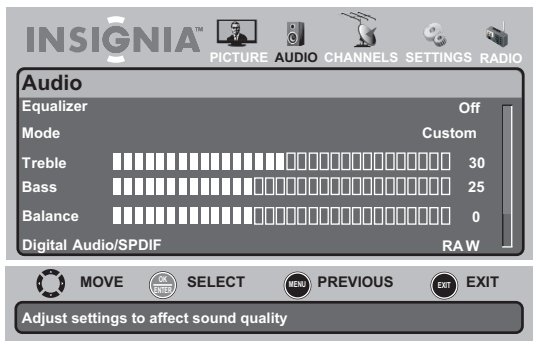
Audio menu (TV mode, equalizer on)



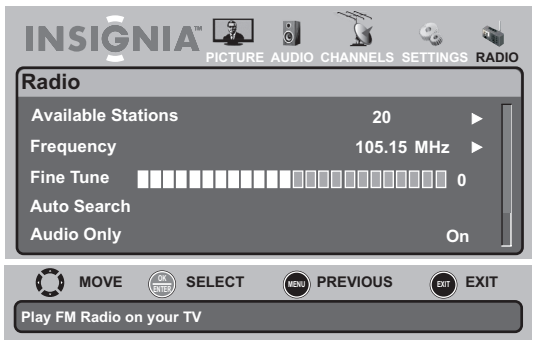
Audio menu (TV mode, equalizer off)



Channels menu (TV mode)

Settings menu (TV mode)

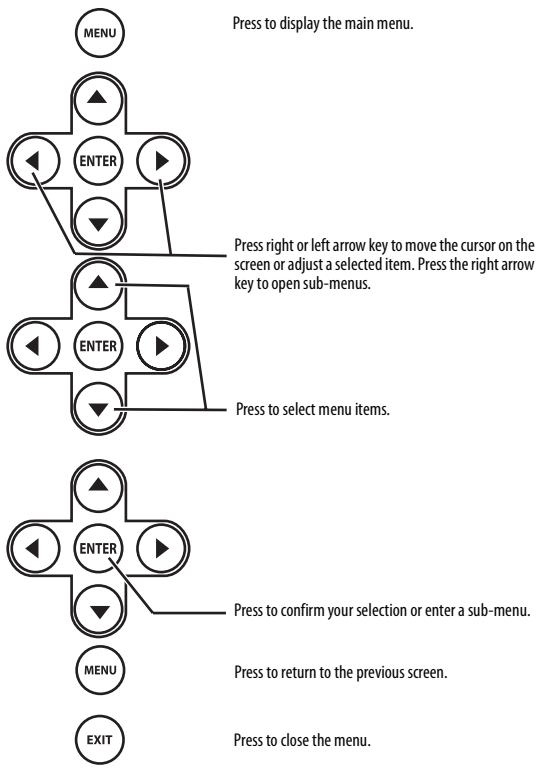
Radio menu (FM mode)



Notes

- Depending on the signal source selected, you may see different options on your screen. The above menus are shown in TV mode (except the Radio menu).
- Menu items that are not selectable are grayed out. Menus in this manual are described in TV mode, unless otherwise indicated.
- The illustrations and screens shown in the manual are for explanation purposes and may vary from the actual screens on your TV.

Navigating the menus


MENU
Press to display the main menu.
ENTER
Press right or left arrow key to move the cursor on the screen or adjust a selected item. Press the right arrow key to open sub-menus.
ENTER
Press to select menu items.
ENTER
Press to confirm your selection or enter a sub-menu.
MENU
Press to return to the previous screen.
EXIT
Press to close the menu.

Selecting a channel

To select a channel:

- Press **CH+** or **CH–** to go to the next or previous channel on the memorized channel list.
- Press the number buttons to enter the analog or digital (main) channel number you want, then wait for the channel to change, or press **ENTER** to change the channel immediately.

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- To select a digital sub-channel, press the number buttons to select the main digital channel, then press the dot (.) button to select the sub-channel. Wait for the channel to change, or press **ENTER** to change the channel immediately.

Note

Button presses must be within three seconds of each other.

- Press **RECALL** to go to the last channel viewed.
- Press **FAVORITE** to display a list of your saved favorite channels, press ▲ or ▼ to select the channel you want from the list, then press **ENTER** to go to that channel.

Note

If the list has more than one page, press ▲ or ▼ to scroll through the pages.

Digital sub-channels

A digital TV signal transmits more data than an analog signal. This increase in data provides a better picture and sound with less static and interference. The increased data capacity also lets broadcasters fit several channels into the same bandwidth as an analog signal. Broadcasters may use these sub-channels to transmit a variety of information, such as weather forecasts, foreign languages, and commercials. A digital sub-channel is indicated by the main channel number, followed by a dot, then the sub-channel number. For example, 5.1 indicates sub-channel 1 of main channel 5.

Adjusting the volume

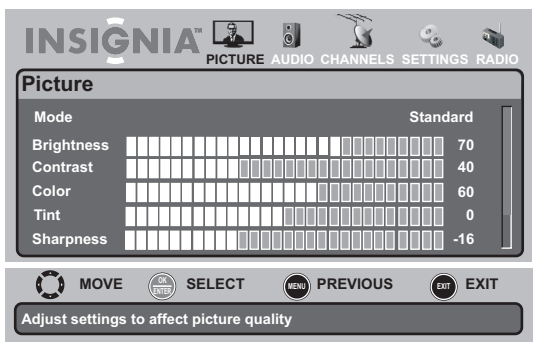
To adjust the volume:

- Press **VOL+** or **VOL–** to increase or decrease the volume.
- Press **MUTE** to temporarily turn off all sound. Press **MUTE** again to restore the sound.

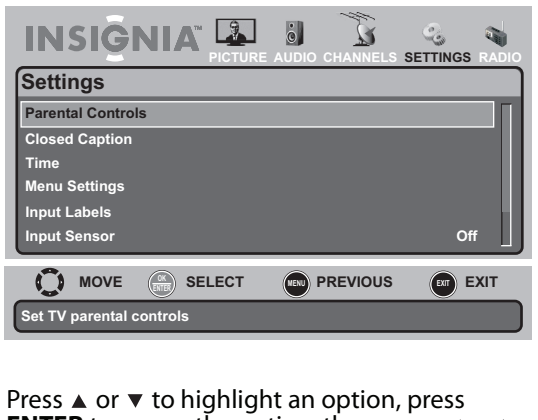
Adjusting basic settings

To adjust basic settings:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.



2 Press ◄ or ► to highlight **Settings**, then press ▼ or **ENTER**. The *Settings* menu opens.



3 Press ▲ or ▼ to highlight an option, press **ENTER** to access the option, then press ◄ or ► to adjust the option or press ▲ or ▼ to select the setting. You can select:

- **Parental Controls**—Lets you control which programs/movies your children can watch, based on industry ratings. See “Setting parental controls” on page 22.
- **Closed Caption**—Lets you turn closed captioning on or off. Also lets you set closed caption options. See “Using closed captioning” on page 25.
- **Time**—Lets you set the clock and the sleep timer. See “Setting the date and time” on page 27 and “Setting the sleep timer” on page 27.
- **Menu Settings**—Lets you set menu language and menu transparency.
- **Input Labels**—Lets you label a device connected to your TV’s input jacks. See “Labeling an input source” on page 28.
- **Input Sensor**—Lets you set the input sensor to automatically detect devices connected to the ports on the back and side of your TV. See “Setting the input sensor” on page 29.
- **Computer Settings**—(PC mode only) Lets you adjust picture settings to optimize a computer display. See “Adjusting the computer image” on page 17.
- **Component Settings**—(Component mode only) Lets you set options for a device connected to your TV with component cables. See “Adjusting component settings” on page 17.
- **Reset to Default**—Lets you reset most TV settings for the current source to factory default values.

4 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Displaying additional information

To display additional information:

1 Press **INFO** to show an information banner. The information banner shows current program information such as channel number, video input source, and resolution.

- Digital mode information—Displays channel number, station name, channel label, broadcast program name, TV rating, signal type, audio information, resolution, CC mode, current time, and current program start and end times.

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- Analog mode information—Displays channel number, channel label (if preset), signal type, audio information, and resolution.

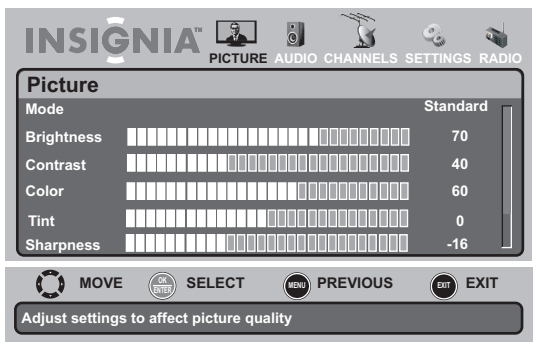
2 Press **GUIDE** to show the digital program guide, which may show a list of available programs, program times, and program summaries, depending on the information provided by the broadcaster.

Adjusting the picture

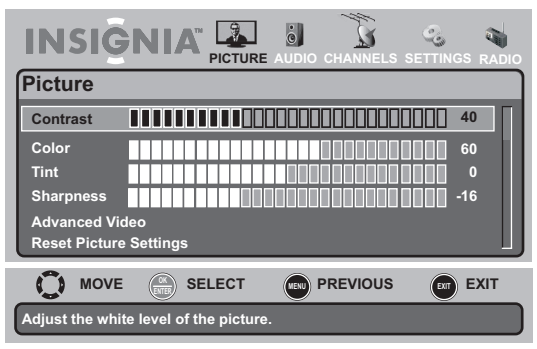
Adjusting the TV picture

To adjust the picture:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed, then press **ENTER** or ▼ to access.



Scroll down to additional settings



2 Press ▲ or ▼ to highlight an option, press **ENTER** to access the option, then press ◄ or ► to adjust the option or press ▲ or ▼ to select the setting. You can select:

- **Mode**—Selects the picture mode. You can select **Vivid** (a bright and vivid picture), **Standard** (a standard picture), **Energy Savings** (the backlight brightness is decreased), **Theater** (a finely detailed picture), **Sports** (a dynamic picture), or **Custom** (customized picture). You can also press **PICTURE** on the remote control to select the picture mode.
- **Brightness**—Adjusts the brightness.
- **Contrast**—Adjusts the contrast.
- **Color**—Adjusts the color saturation.
- **Tint**—Adjusts the image tint.
- **Sharpness**—Adjusts the sharpness.
- **Advanced Video**—Lets you adjust the Aspect Ratio, OverScan, Color Temperature, Backlight, Noise Reduction and Advanced Contrast. See "Adjusting Advanced Video settings" on page 16.
- **Reset Picture Settings**—Reset all picture settings to factory default.

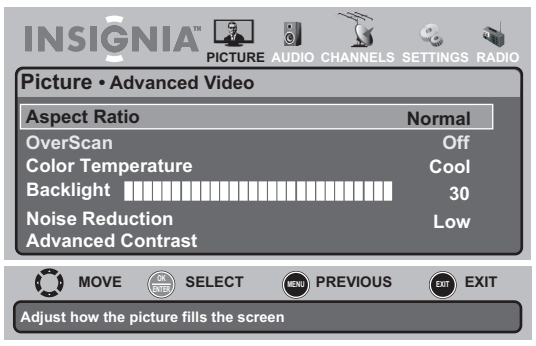
3 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Adjusting Advanced Video settings

To adjust the Advanced Video settings:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed, then press **ENTER** or ▼ to access.

2 Press ▲ or ▼ to highlight **Advanced Video**, then press **ENTER.** The *Advanced Video* submenu opens.



3 Press ▲ or ▼ to highlight an option, press **ENTER** to access the option, then press ◄ or ► to adjust the option or press ▲ or ▼ to select the setting. You can select:

- **Aspect Ratio** - Selects the aspect ratio of the picture. You can select **Normal** (selects the correct aspect ratio to match the source image), **Wide** (shows a full-screen picture), **Zoom** (enlarges the picture but may crop the top and bottom), **Cinema** (stretches the picture at the edges, but maintains a good aspect ratio at the center of the screen), or **Auto Zoom** (selects the correct aspect ratio automatically) if **Auto Zoom** in the *Channels* menu is set to **ON**. When **Auto Zoom** in the *Channels* menu is set to **OFF,** only **Normal**, **Wide**, **Zoom**, or **Cinema** can be selected.
- **Overscan**—Turn this **On** to adjust the picture's reproduction rate when receiving HDMI/DVI signals in VIDEO format.
- **Color Temperature**—Selects the color temperature. You can select **Cool** (to enhance the blues), **Normal**, or **Warm** (to enhance the reds).
- **Backlight**—Sets the overall brilliance of the screen.
- **Noise Reduction**—Selects the noise reduction mode to reduce picture noise (snow). You can select **Low**, **Middle**, **High**, or **Off**.
- **Advanced Contrast**—Select **Adaptive Contrast** to automatically adjust the picture detail and brightness, or **Dynamic Contrast Ratio** to enhance the contrast ratio between light and dark areas of the picture.

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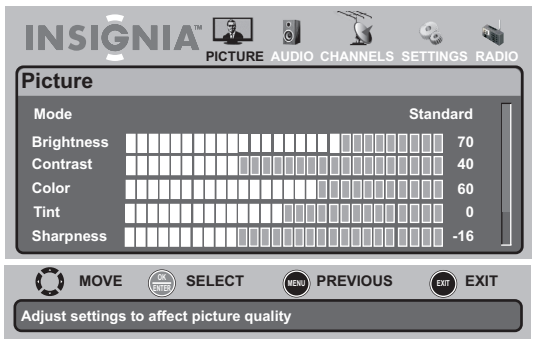
4 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Adjusting the computer image

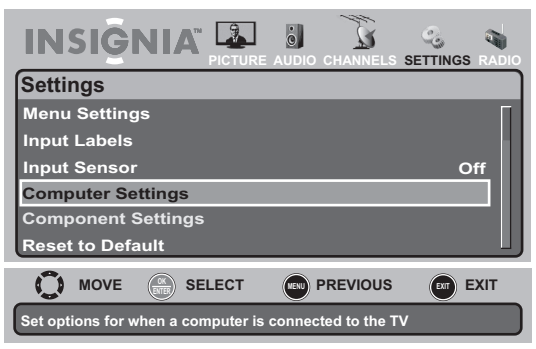
To adjust the computer image:

1 Make sure that your TV is in VGA mode. For more information, see "Selecting the video input source" on page 13.

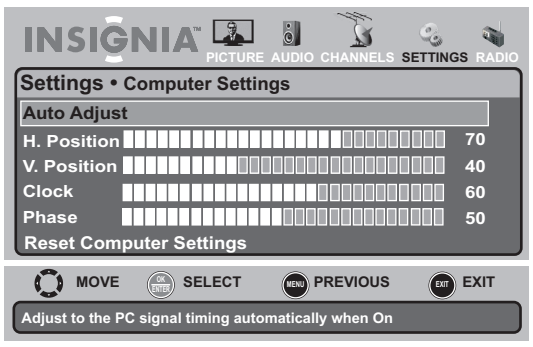
2 Press **MENU**. The on-screen menu opens.



3 Press ◄ or ► to highlight **Settings**, then press ▼ or **ENTER**. The *Settings* menu opens.



4 Press ▲ or ▼ to highlight **Computer Settings**, then press **ENTER**. The *Settings - Computer Settings* menu opens.



5 Press ▲ or ▼ to highlight an option, press **ENTER** to access the option, then press ◄ or ► to adjust the option or press ▲ or ▼ to select the setting. You can adjust:

- **Auto Adjust**—Automatically adjusts the image settings such as position and phase
- **H.Position**—Moves the image right or left
- **V.Position**—Moves the image up or down
- **Clock**—Adjusts the sample frequency
- **Phase**—Adjusts the focus of stable images
- **Reset Computer Settings**—Resets computer settings to factory default.

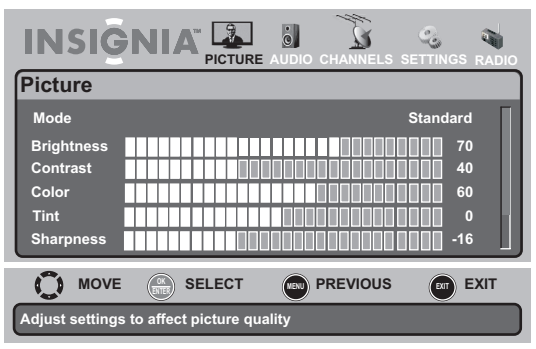
6 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Adjusting component settings

To adjust component settings:

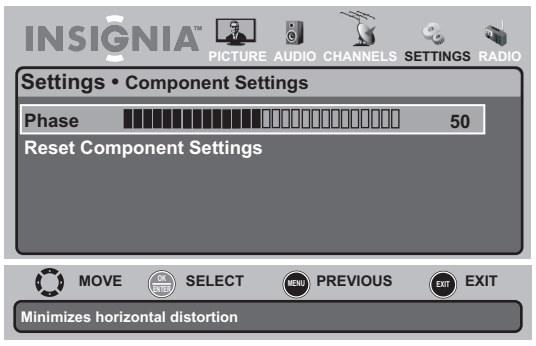
1 Make sure that your TV is in Component mode. For more information, see "Selecting the video input source" on page 13.

2 Press **MENU**. The on-screen menu opens.



3 Press ◄ or ► to highlight **Settings**, then press ▼ or **ENTER**. The *Settings* menu opens.

4 Press ▲ or ▼ to highlight **Component Settings**, then press **ENTER**. The *Settings - Component Settings* menu opens.



5 Press ▲ or ▼ to highlight an option, press **ENTER** to access the option, then press ◄ or ► to adjust the option or press ▲ or ▼ to select the setting. You can adjust:

- **Phase**—Adjusts the phase to minimize horizontal distortion.
- **Reset Component Settings**—Resets component settings to factory default.

6 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

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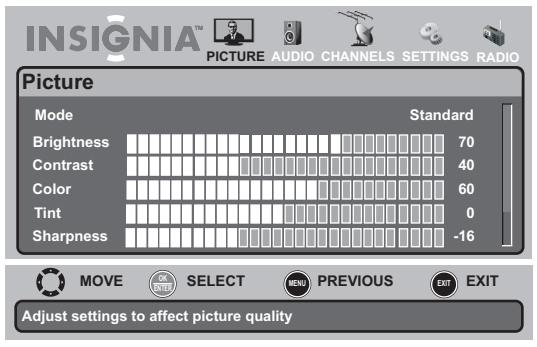
Adjusting the sound

Adjusting the sound

To adjust the sound:

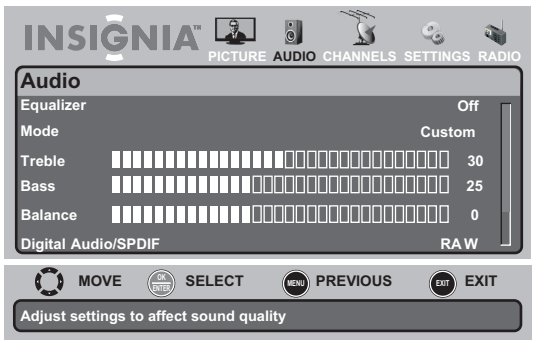
1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **Audio**, then press ▼ or **ENTER**. The *Audio* menu opens.

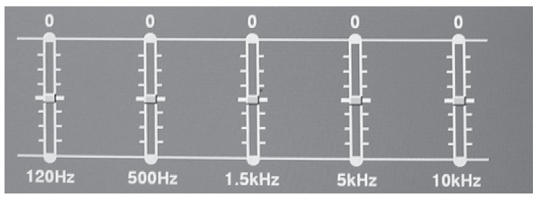
Audio Menu (Equalizer On)

Audio Menu (Equalizer Off)



3 Press ▲ or ▼ to highlight an option, press **ENTER** to access the option, then press ◄ or ► to adjust the option or press ▲ or ▼ to select the setting. You can adjust:

- **Equalizer**—Select **Off** for normal frequency response or **On** for optimized frequency response.
- **Equalizer Mode**—(Available when Equalizer is **On**) Selects the sound mode. You can select **Custom** (for a customized sound mode), **Standard** (for normal programs), **Theater** (for enhanced treble and base), **Music** (for musical programs), or **News** (for news programs). You can also press **AUDIO** one or more times to select the equalizer mode.
- **Equalizer Setting**—(Available when the Equalizer is **On**) Select to make custom audio settings.



- **Treble**—(Available when the Equalizer is **Off**) Adjusts the high sounds.
- **Bass**—(Available when the Equalizer is **Off**) Adjusts the low sounds.
- **Balance**—Adjusts the balance between the left and right audio channels.
- **Digital Audio/SPDIF**—Sends digital audio to an external audio system. Options are **RAW** (to pass through the original digital audio sound), or **PCM** (to send 2-channel stereo audio).
- **MTS/SAP**—(Analog programs only) Lets you select an alternate to the program's main audio. See "Selecting the audio mode" on page 18.
- **Audio Language**—(DTV channels only) Selects an alternate audio language, if available.
- **Auto Volume**—Equalizes the overall volume levels for all channels.
- **Reset Audio Settings**—Resets all audio settings to factory default.

4 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Selecting the audio mode

You can select the audio mode for analog channels.

To select the audio mode for analog channels:

- See "Adjusting the sound" on page 18 to make settings through the on-screen menu.

  - OR -

- Press **MTS/SAP** on the remote one or more times. You can select:
  - **MONO**—Select this option if there is noise or static on weak stereo broadcasts.
  - **STEREO**—Select this option for programs broadcast in stereo.
  - **SAP**—Select this option to listen to a secondary audio program, if available.

Note

Mono is automatically selected if the program is broadcast in mono.

To select an audio track for a digital channel:

- Press **MTS/SAP**. If an audio track is available, it plays.

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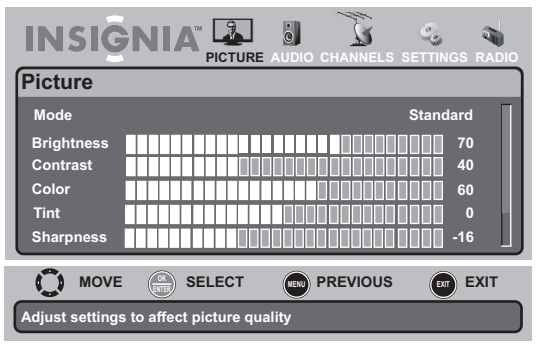
Playing TV audio only

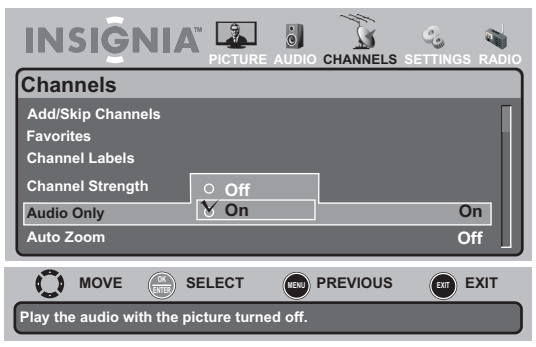
You can turn off the picture on your TV and listen to only the program audio.

To play only the TV audio:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **Channels**, then press ▼ or **ENTER**. The *Channels* menu opens.



3 Press ▲ or ▼ to highlight **Audio Only**, then press **ENTER**.

4 Press ▲ or ▼ to select **On**.

5 Press **EXIT** to close the menu.

Notes

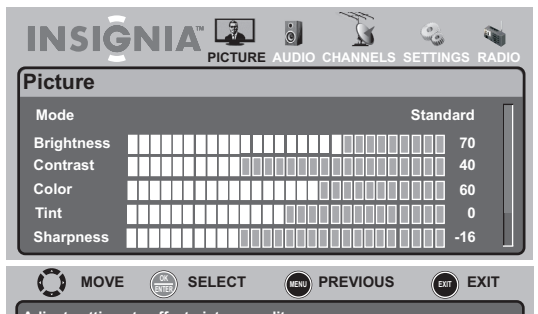
- Audio Only works only when the input source is TV and your TV is receiving a broadcast signal.
- To exit Audio Only mode, press any button. When you exit Audio Only mode, the Audio Only option is automatically reset to Off.

Changing channel settings

Automatically scanning for channels

To auto scan for channels:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **CHANNELS**, then press ▼ or **ENTER**. The *Channels* menu opens.

3 Press ▲ or ▼ to highlight **Auto Channel Search**, then press **ENTER**. The *Channels - Auto Channel Search* menu opens.

4 Press ▲ or ▼ to select **Antenna**, **Cable**, or **Cable/Satellite Box**, depending on the type of connection you have:

- If you are using an antenna for a standard or HD TV signal, select **Antenna**.
- If your cable is connected directly to the TV (using no tuner box), select **Cable**.
- If your cable is connected to your TV through a tuner box, select **Cable/Satellite Box.**

5 Press **ENTER** when you have selected.

If you selected **Antenna** or **Cable**, the TV searches automatically for available channels in your area and stores the channel information in the channel list. This may take several minutes. While searching, the TV displays a progress report.

- OR -

If you selected **Cable/Satellite Box**, the auto channel search is not necessary.

Note

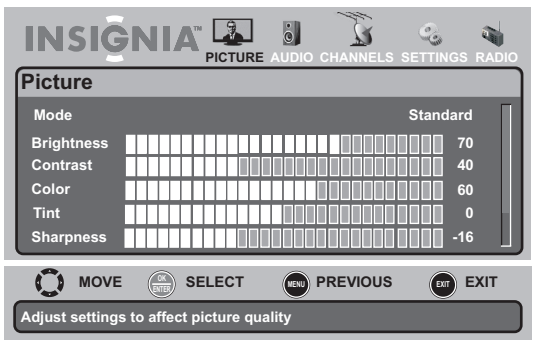
You can press **EXIT** to stop the auto channel search, but you will need to run the auto channel search again to create a channel list.

Adding or skipping channels

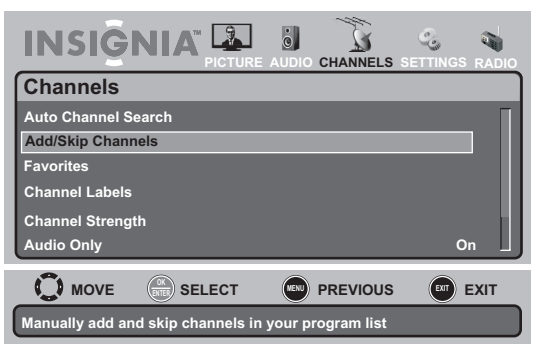
You can manually add or skip channels in the channels list so that your TV skips the channels when you press CH+/CH–. You can still tune to the hidden channels by using the number buttons.

To add or skip a channel:

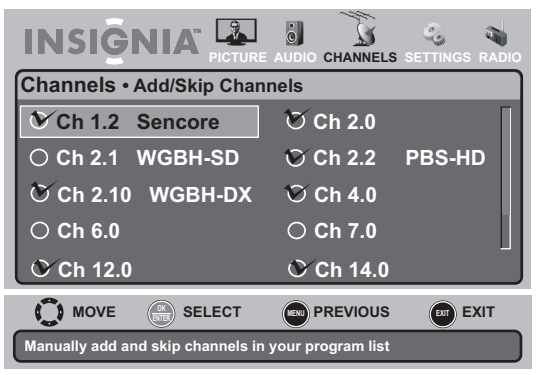
1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **CHANNELS**, then press ▼ or **ENTER**. The *Channels* menu opens.



3 Press ▲ or ▼ to highlight **Add/Skip Channels**, then press **ENTER**. The *Channels - Add/Skip Channels* menu opens.



4 Press ▲,▼,◄ , or ► to highlight the channel you want to add or skip (the default is to show the channel), then press **ENTER** to add or remove the check mark from the channel.

Note

If the list has more than one page, press ▲ or ▼ to scroll through the pages.

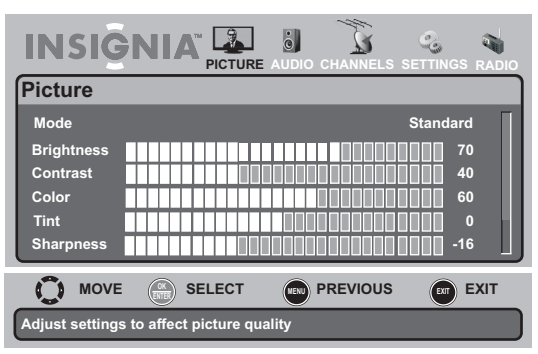
5 Press **EXIT** to close the menu.

Setting up a favorite channel list

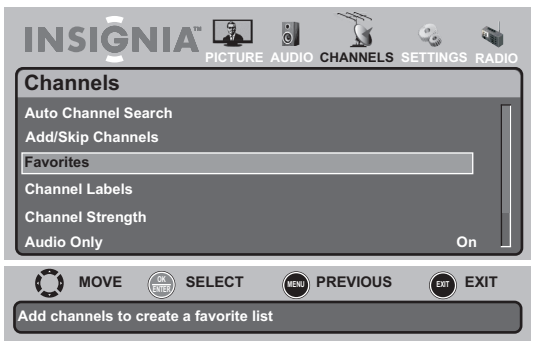
You can create a favorite channel list so you can quickly browse through your favorite channels by pressing **FAVORITE**, then selecting a channel from the favorite channel list.

To set up the favorite channel list:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **CHANNELS**, then press ▼ or **ENTER**. The *Channels* menu opens.



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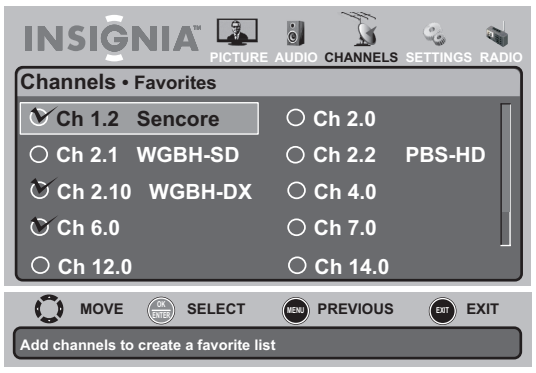
3 Press ▲ or ▼ to highlight **Favorites**, then press **ENTER**. The *Channels - Favorites* menu opens.



4 Press ▲, ▼, ◄ or ► to highlight the channel you want to add to your Favorites list, then press **ENTER**. To remove the channel from your Favorites list, remove the checkmark.

Note

If the list has more than one page, press ▲ or ▼ to scroll through the pages.

5 Press **EXIT** to close the menu.

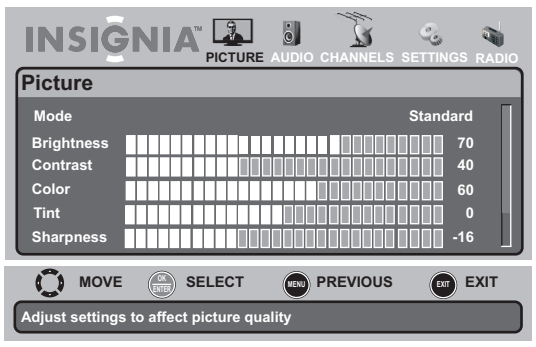
6 To select a channel in the favorite channel list, press **FAVORITE**, press ▲ or ▼ to highlight the channel, then press **ENTER**.

Adding or changing a channel label

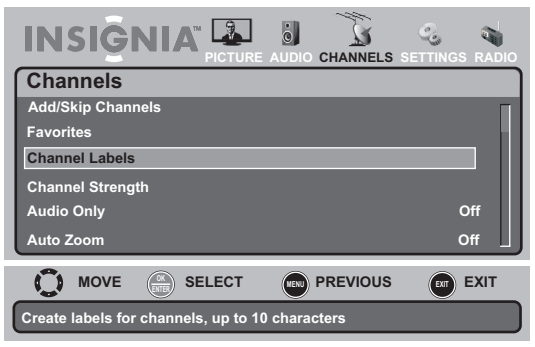
If a channel is not already labeled, you can label the channel to make it easier to identify. You can also relabel a channel that is already labeled.

To label a channel:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **CHANNELS**, then press ▼ or **ENTER**. The *Channels* menu opens.



3 Press ▲ or ▼ to highlight **Channel Labels**, then press **ENTER**. The *Channels - Channel Labels* screen opens with the channel number field highlighted.

4 Press ▲ or ▼ to select the channel number you want to label, then press ► to move to the channel label field.

5 Press ▲ or ▼ to select a character, then press ◄ or ► to move to the next position. Repeat this step to add more characters (as many as 10).

6 When the label is complete, press **ENTER**, then confirm when the confirmation box opens.

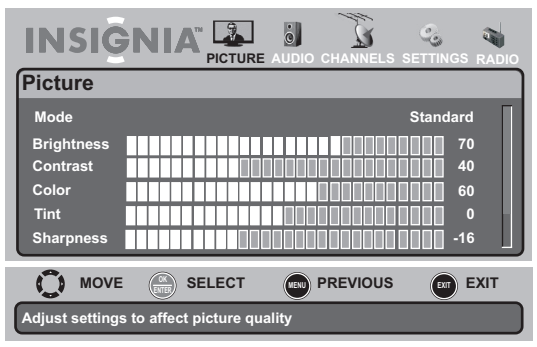
7 Press **EXIT** to close the menu.

Checking the DTV signal strength

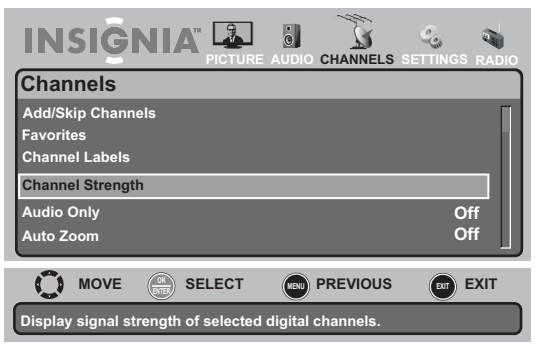
You can check the DTV signal strength to determine if you need to adjust your antenna or digital cable input. The higher the signal strength, the less likely you are to experience picture degradation.

To check the DTV signal strength:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **CHANNELS**, then press ▼ or **ENTER**. The *Channels* menu opens.



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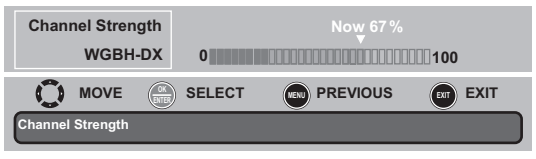
3 Press ▲ or ▼ to highlight **Channel Strength**, then press **ENTER**. The *Channel Strength* screen opens showing the signal strength meter.



4 Press **EXIT** to close the menu.

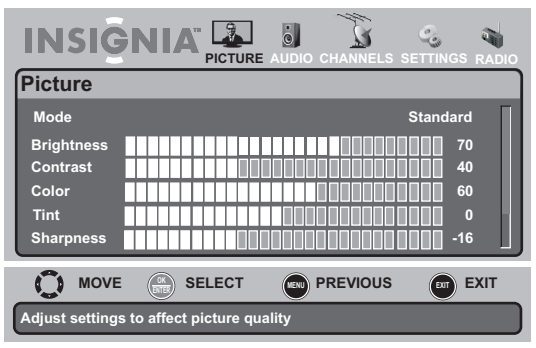
Setting parental controls

Parental controls let you prevent your children from watching inappropriate material on TV. When set, parental controls read the rating of the program (with some exceptions, such as news and sports) and deny access to programs that exceed the ratings level you select. To watch programs that exceed the selected rating, you must enter a password.

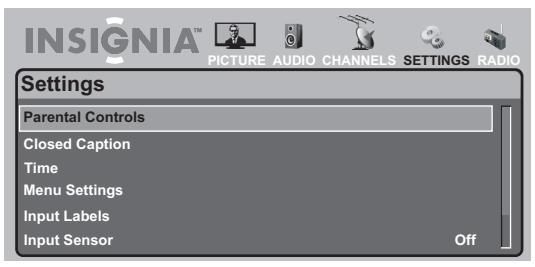
Setting or changing the password

To set the parental password:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **SETTINGS**, then press ▼ or **ENTER**. The *Settings* menu opens with **Parental Controls** selected.



3 Press **ENTER**. The *Enter Password* screen opens.

4 Press the number buttons to enter the four-digit password. The default password is **0000**. You should change the password to a number you can remember. The Parental Controls sub-menu opens.

5 Press ▲ or ▼ to highlight **Change Password**, then press **ENTER**. The password entry screen opens.

6 Press the number buttons to enter a new password, and then enter the new password again. The Parental Controls submenu reopens.

Note

If you forget your password, enter **9999**.

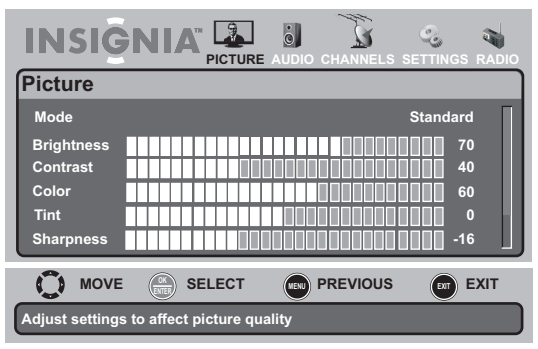
7 Press **EXIT** to close the menu.

Turning the button lock on or off

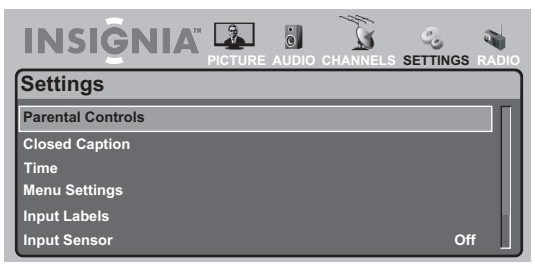
When the button lock is turned **On**, the buttons on the TV control panel are locked and only the remote control is able to operate the TV.

To turn parental controls button lock on or off:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **SETTINGS**, then press ▼ or **ENTER**. The *Settings* menu opens with **Parental Controls** selected.



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3 Press **ENTER**. The *Enter Password* screen opens.

4 Press the number buttons (**0-9**) to enter the four-digit password. The *Settings - Parental Controls* submenu opens.

5 Press ▲ or ▼ to highlight **Button Lock**, then press **ENTER**.

6 Press ▲ or ▼ to select **On** (to turn on the Button Lock) or **Off** (to turn off the Button Lock).

7 Press **EXIT** to close the menu.

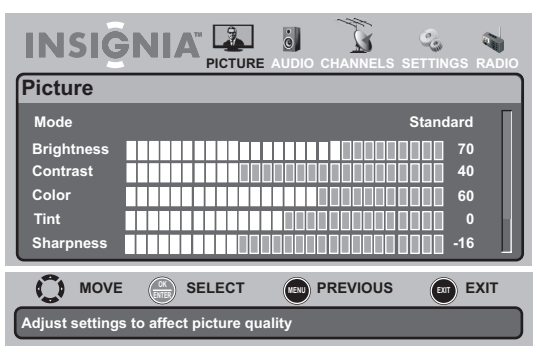
Note

Removing the AC power and reconnecting it resets the button lock to **Off**.

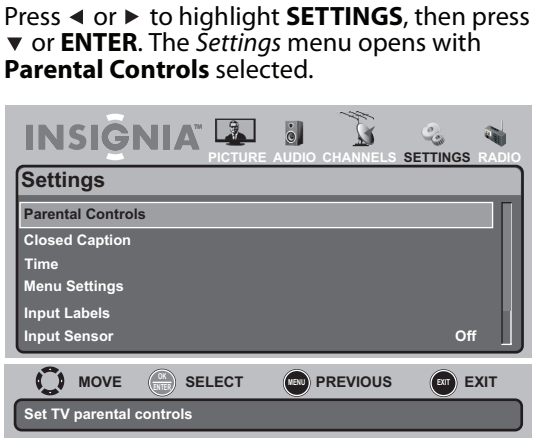
Blocking unrated TV

To block unrated TV:

1 Press **MENU**. The on-screen menu opens.

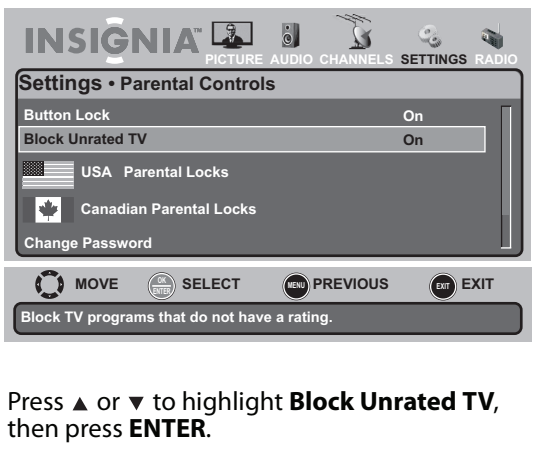


2 Press ◄ or ► to highlight **SETTINGS**, then press ▼ or **ENTER**. The *Settings* menu opens with **Parental Controls** selected.



3 Press **ENTER**. The *Enter Password* screen opens.

4 Press the number buttons (**0-9**) to enter the four-digit password. The *Settings - Parental Controls* submenu opens.



5 Press ▲ or ▼ to highlight **Block Unrated TV**, then press **ENTER**.

6 Press ▲ or ▼ to select **On** (to block unrated TV programs) or **Off**.

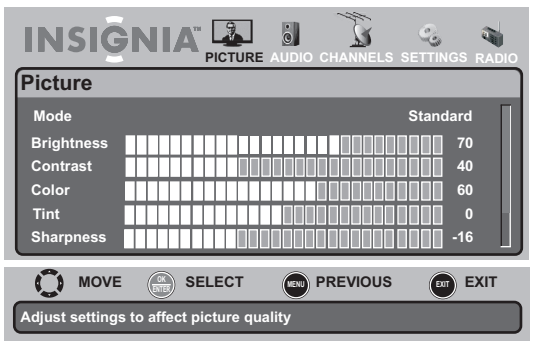
7 Press **EXIT** to close the menu.

Setting parental control levels

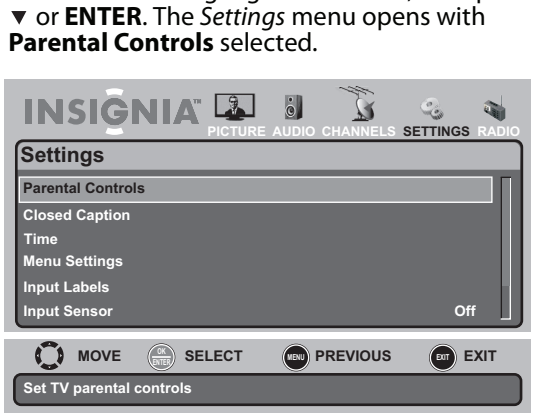
You can set parental controls for the U.S. and Canada. The following procedure shows how to set controls for U.S. TV ratings. You use similar steps for controlling U.S. movie and Canadian TV ratings.

To set parental controls:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **SETTINGS**, then press ▼ or **ENTER**. The *Settings* menu opens with **Parental Controls** selected.



3 Press **ENTER**. The *Enter Password* screen opens.

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4 Press the number buttons to enter the four-digit password. The *Settings - Parental Controls* submenu opens.

5 Press ▲ or ▼ to highlight **USA Parental Locks** (or **Canadian Parental Locks**), then press **ENTER**. (USA Parental Locks shown in this example.)

6 Press ◄ or ► to set the MPAA Rating (or English Rating for Canadian), then press ▲ or ▼ to select the rating.

7 - OR -

8 Press ◄ or ► to set the TV Ratings (or French Rating for Canadian), then press ▲, ▼, ◄, or ► to select the rating.

9 Press **ENTER** to confirm. A lock symbol appears when a rating is blocked.

10 Repeat to block additional ratings.

Note

When you block a rating, that rating and all higher ratings are blocked.

11 Press **EXIT** to close the menu.

U.S. TV ratings (age-based)	
None	Not rated.
TV-Y	All children.
TV-Y7	Suitable for children 7 and older.
TV-G	General audiences.
TV-PG	Parental guidance suggested.
TV-14	Parental guidance strongly suggested.
TV-MA	Mature audiences only.

U. S. TV ratings (content-based)	
All	All ratings.
FV	Fantasy violence.
L	Strong language.
S	Sexual situations.
V	Violence.
D	Suggestive dialog.

U.S. movie (MPAA) ratings	
None	Not rated.
G	General audiences.
PG	Parental guidance suggested.
PG-13	Suitable for children 13 and older.
R	Parental guidance suggested for children under 17.
NC-17	Not suitable for children under 17.
X	Adults only.

Canadian English ratings	
E	Exempt programming.
C	Suitable for all children.
C8+	Suitable for children 8 and older.
G	General audiences.
PG	Parental guidance suggested.
14+	Suitable for children 14 and older.
18+	Adults only.

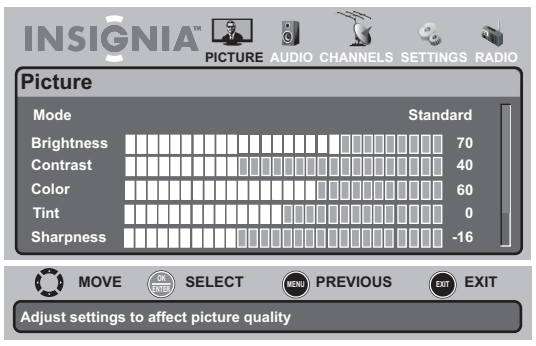
Canadian French ratings	
E	Exempt programming.
G	General audiences.
8 ans+	Suitable for children 8 and older.
13 ans+	Suitable for children 13 and older.
16 ans+	Suitable for children 16 and older.
18 ans+	Adults only.

Downloading rating information

You can download rating information to use when setting parental controls.

To download rating information:

1 Press **MENU**. The on-screen menu opens.



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2 Press ◄ or ► to highlight **SETTINGS**, then press ▼ or **ENTER**. The *Settings* menu opens with **Parental Controls** selected.

3 Press **ENTER**. The *Enter Password* screen opens.

4 Press the number buttons to enter the four-digit password. The *Settings - Parental Controls* submenu opens.

5 Press ▲ or ▼ to highlight **RRT5 Settings**, then press **ENTER**.

If the program is broadcast with RRT5 rating information, the information is downloaded automatically and can be used for parental controls.

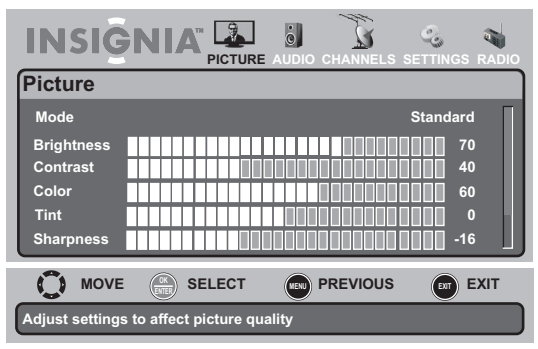
6 To clear RRT5 settings, go to the *RRT5 Settings* submenu, select **Reset**, then press **ENTER** to clear.

Using closed captioning

Turning closed captioning on or off

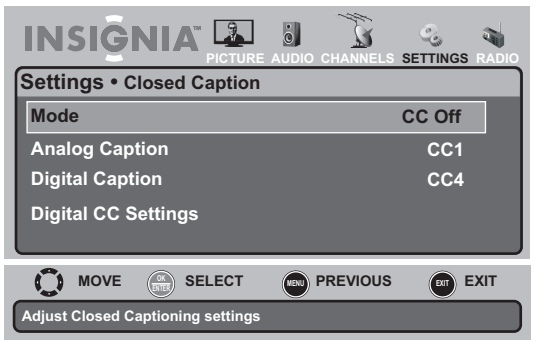
To turn closed captioning on or off:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **SETTINGS**, then press ▼ or **ENTER**. The *Settings* menu opens.

3 Press ▲ or ▼ to highlight **Closed Caption**, then press **ENTER**. The *Settings - Closed Caption* menu opens.



4 Press ▲ or ▼ to highlight **Mode**, then press **ENTER**. A menu opens.

5 Press ▲ or ▼ to select **CC Off** (turns off closed captioning), **CC On** (turns on closed captioning), or **CC on Mute** (turns on closed captioning when the sound is muted).

6 Press **EXIT** to close the menu.

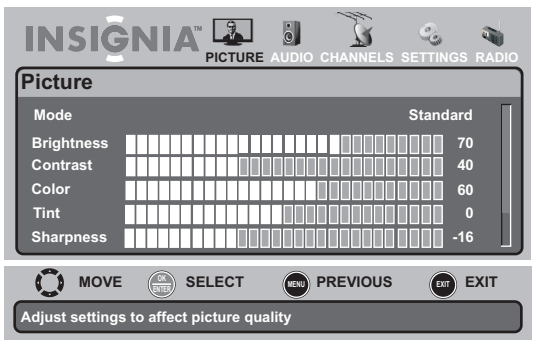
Note

You can also press **CCD** to turn closed captioning on or off.

Setting the analog closed captioning

To select the closed captioning mode:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **SETTINGS**, then press ▼ or **ENTER**. The *Settings* menu opens.

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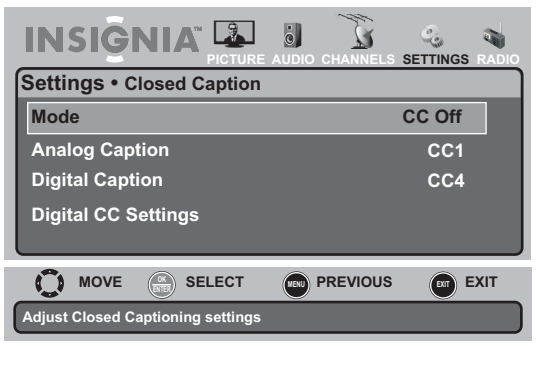
3 Press ▲ or ▼ to highlight **Closed Caption**, then press **ENTER**. The *Settings - Closed Caption* menu opens.



4 Press ▲ or ▼ to highlight **Analog Caption**, then press **ENTER**. A menu opens.

5 Press ▲ or ▼ to select an analog caption setting. You can select:

- **CC1** through **CC4**—Closed captioning appears in a small banner across the bottom of the screen. **CC1** is usually the "printed" version of the audio. **CC2** through **CC4** display content provided by the broadcaster.
- **Text1** through **Text4**—Closed captioning that covers half or all of the screen. **Text1** through **Text4** display content provided by the broadcaster.

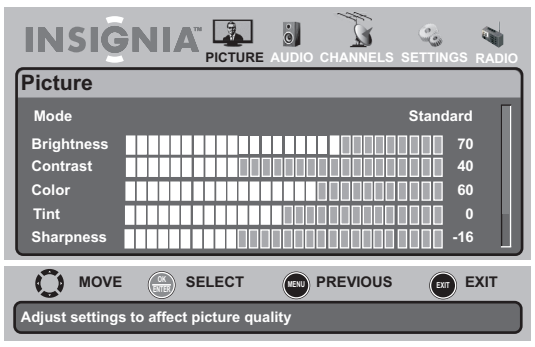
6 Press **EXIT** to close the menu.

Setting digital closed captioning styles

You can customize the way DTV closed captioning is displayed.

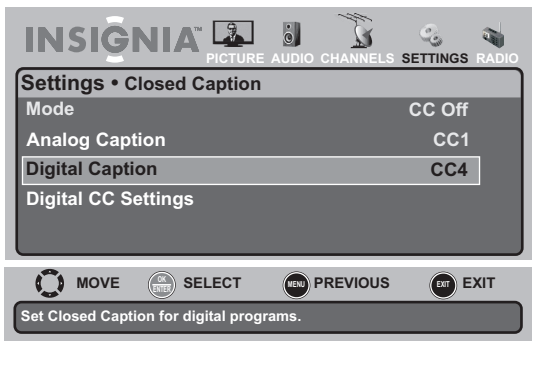
To customize DTV closed captioning:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **SETTINGS**, then press ▼ or **ENTER**. The *Settings* menu opens.

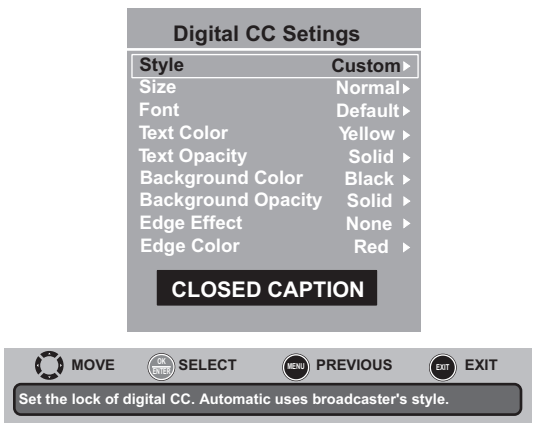
3 Press ▲ or ▼ to highlight **Closed Caption**, then press **ENTER**. The *Settings - Closed Caption* menu opens.



4 Press ▲ or ▼ to highlight **Digital Caption**, then press **ENTER**. A menu opens.

5 Press ▲ or ▼ to select a digital caption setting. You can select **CS1** through **CS6**, then press **ENTER**.

6 Press ▲ or ▼ to highlight **Digital CC Settings**, then press **ENTER**. The *Digital CC Settings* menu opens with **Style** highlighted.



7 Press ► to set the **Style** to **Custom**.

8 Press ▲ or ▼ to highlight an option, then press press ◄ or ► to set the option. You can select:

- **Size**—Selects the font size
- **Font**—Selects the font style
- **Text Color**—Selects the color for the words
- **Text Opacity**—Selects the opacity level for the words
- **Background Color**—Selects the color for the background
- **Background Opacity**—Selects the opacity level for the background
- **Edge Effect**—Selects the edge style
- **Edge Color**—Selects the edge color

9 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

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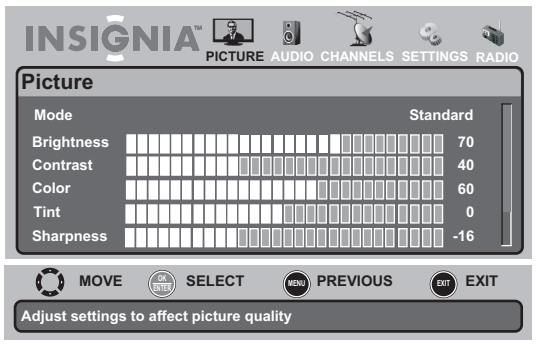
Adjusting time settings

Setting the date and time

To set the date and time:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **SETTINGS**, then press ▼ or **ENTER**. The *SETTINGS* menu opens.

3 Press ▲ or ▼ to highlight **Time**, then press **ENTER**. The *Settings - Time* submenu opens.

4 Press ▲ or ▼ to highlight **Date/Time**, then press **ENTER**. The *Time - Date/Time* submenu opens.

5 Press ▲ or ▼ to highlight **Mode**, then press **ENTER**. A menu opens.

6 Press ▲ or ▼ to select **Manual** (to set the options manually) or **Auto** (the options are automatically set by the TV signal source).

7 Press **ENTER** to close the menu.

8 Press ▲ or ▼ to highlight **Time Zone**, then press **ENTER**. The *Time - Time Zone* menu opens.

9 Press ▲ or ▼ to select your time zone. You can select **Eastern**, **Central**, **Mountain**, **Pacific**, **Alaska**, **Hawaii**, **Atlantic**, or **Newfoundland**.

10 Press **ENTER** to close the menu.

11 If your viewing area observes daylight savings time, press ▲ or ▼ to highlight **Daylight Savings**, then press **ENTER**. The *Time - Daylight Savings* menu opens.

12 Press ▲ or ▼ to select **On**, then press **ENTER** to close the menu.

13 If you selected **Manual** for **Mode**, make the setting as follows:

- Set the year, month, and day by pressing ▲ or ▼ to highlight **Year**, **Month**, or **Day**, then press ◄ or ► to adjust the setting.
- Set the time by pressing ▲ or ▼ to highlight **Hour**, then press ◄ or ► to move the highlight to the hour, minute, or AM/PM field.
- Press ▲ or ▼ to adjust the setting.

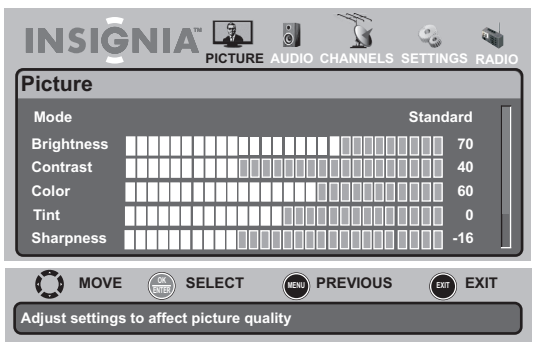
14 Press **EXIT** to close the menu.

Setting the sleep timer

You can specify the amount of time you want your TV to wait before it automatically turns off.

To set the sleep timer:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **SETTINGS**, then press ▼ or **ENTER**. The *SETTINGS* menu opens.

3 Press ▲ or ▼ to highlight **Time**, then press **ENTER**. The *Settings - Time* submenu opens.

4 Press ▲ or ▼ to highlight **Sleep Timer**, then press **ENTER**. A menu opens.

5 Press ▲ or ▼ to select the amount of time before your TV turns off automatically.

Note

To turn off the sleep timer, select **Off**.

6 Press **EXIT** to close the menu.

Note

You can also press **SLEEP** on the remote control to set the sleep timer.

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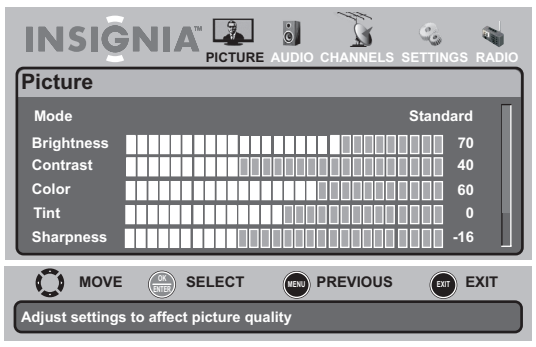
Adjusting menu settings

Selecting the menu language and transparency

To select the on-screen menu language and menu transparency:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **SETTINGS**, then press ▼ or **ENTER**. The *SETTINGS* menu opens.

3 Press ▲ or ▼ to highlight **Menu Settings**, then press **ENTER**. The *Settings - Menu Settings* menu opens.

4 Press ▲ or ▼ to highlight **Language,** then press **ENTER**. A language menu opens.

5 Press ▲ or ▼ to select the menu language you want. Options include **English**, **French**, and **Spanish**.

6 Press **ENTER** to close the menu.

7 Press ▲ or ▼ to select **Transparency**, then press **ENTER**.

8 Press ◄ or ► to adjust the menu transparency.

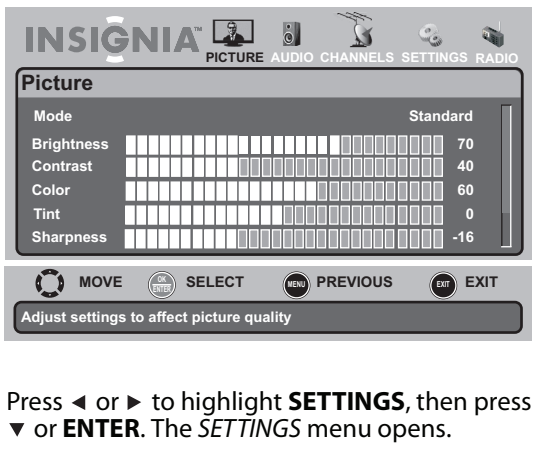
9 Press **EXIT** to close the menu.

Labeling an input source

You can add a label to an input source to make it easier to identify.

To label an input source:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **SETTINGS**, then press ▼ or **ENTER**. The *SETTINGS* menu opens.

3 Press ▲ or ▼ to highlight **Input Labels**, then press **ENTER**. The *Settings - Input Labels* screen opens.

4 Press ▲ or ▼ to highlight **Input**, then press ◄ or ► to select the input you want to label.

5 Press ▲ or ▼ to highlight **Label**, then press ◄ or ► to select a preset label for the input.

- OR -

Press ▲ or ▼ to highlight **Label**, then press ◄ or ► to select **Custom**.

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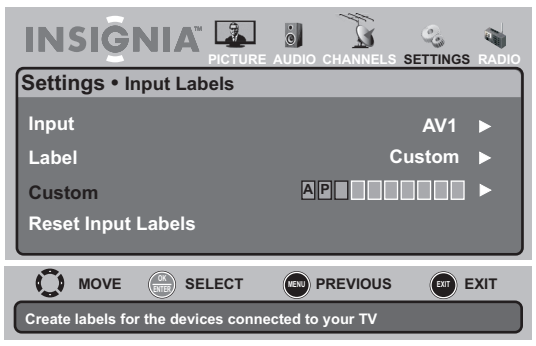
6 Press ▲ or ▼ to highlight **Custom**, then press ►. A custom label entry field opens.


INSIGNIA
PICTURE AUDIO CHANNELS SETTINGS RADIO
Settings • Input Labels
Input AV1 ►
Label Custom ►
Custom A P ►
Reset Input Labels
MOVE SELECT PREVIOUS EXIT
Create labels for the devices connected to your TV

- Press ▲ or ▼ to select a character, then press ◄ or ► to move to the next position. Repeat this step to add more characters.
- Press **ENTER** to open a confirmation screen, then select **Yes** to confirm.
- Press **ENTER** to exit the menu.

7 Press **MENU** to exit.

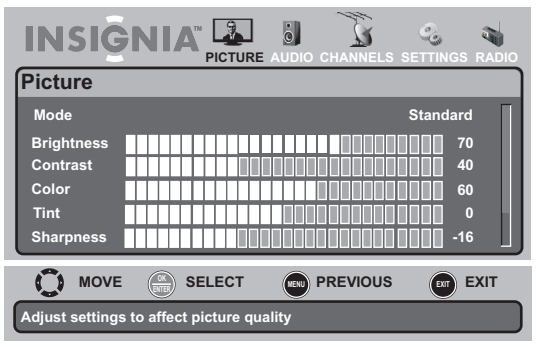
Note

To restore input labels to factory default, highlight **Reset Input Labels**, then press **ENTER**. Select **Yes** on the confirmation screen and press **ENTER** again.

Setting the input sensor

To set the input sensor:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **SETTINGS**, then press ▼ or **ENTER**. The *SETTINGS* menu opens.

3 Press ▲ or ▼ to highlight **Input Sensor**, then press **ENTER**. A menu opens.

4 Press ▲ or ▼ to select **On** (to activate the input sensor) or **Off** (to deactivate the input sensor).

5 Press **ENTER**, then press **EXIT**.

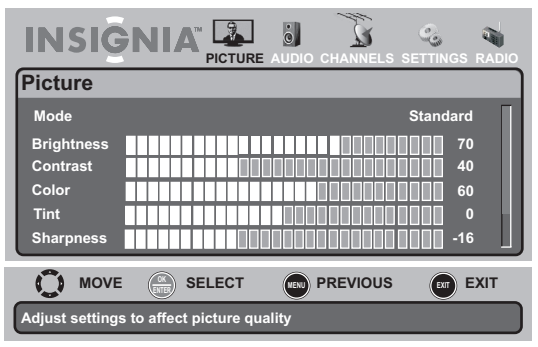
Restoring default settings

Caution

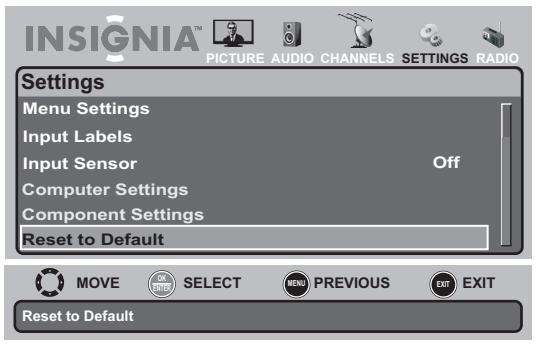
When you restore default settings, all the settings you have customized (except the password and parental rating) are reset.

To restore default settings:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **SETTINGS**, then press ▼ or **ENTER**. The *SETTINGS* menu opens.



3 Press ▲ or ▼ to highlight **Reset to Default**, then press **ENTER**. A confirmation box opens.

4 Press ◄ or ► to select **Yes** (to reset) or **No** (to not reset).

5 Press **ENTER**, then press **EXIT**.

Listening to FM radio

This TV has a built-in FM tuner which is capable of receiving radio broadcasts. To listen to the radio, you must select FM mode first.

Note

Make sure to connect the FM antenna to the FM jack on the side of your TV, and extend the antenna as far as possible.

Switching to FM mode

To switch to FM mode:

- Press FM on the remote control.

  - OR -

  Press **Input**, then press ▲ or ▼ to select **FM**, then press **ENTER**.

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Selecting an FM program

To select an FM program:

- Press the number buttons (**0-9**) to select a preset station directly.

  - OR -

  Press **CH+** or **CH-** to select a preset station.

  - OR -

  Access the *RADIO* menu and choose a station from the *Available Stations* list.

  - OR -

  Access the *RADIO* menu and input the frequency on the *Frequency* menu.

Presetting FM stations

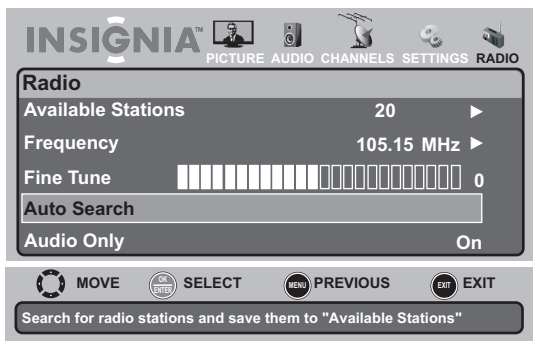
To preset FM stations automatically:

1. Press **MENU**. The on-screen menu opens with the RADIO menu displayed.

Note

If there is no available radio program in the channel list, "Channel list is empty. Please do auto search first," appears on the *RADIO* menu. Press ◄ or ► to select **Yes**, then press **ENTER** to begin the auto search.

2. Press ▼ or **ENTER** to access.



3. Press ▲ or ▼ to select **Auto Search**, then press **ENTER**.

   The available broadcast stations in your area are preset in order from low to high frequency. **Auto Search Finished** appears when the auto search is complete, then the radio is tuned to the lowest frequency preset.

Note

Using **Auto Search** will delete previously preset broadcast stations.

To preset FM stations manually:

1. Manually tune the radio to a frequency of your choice.
2. Press **CH+** or **CH-** to select the preset number to assign to the station.

   - OR -

   Press **MENU**. The on-screen menu opens with the *RADIO* menu displayed.

3. Press ▼ or **ENTER** to access.

4. Press ▲ or ▼ to highlight **Available Stations**, then press ► to access.
5. Press ▲ or ▼ to select a preset number, then press ◄ or ►.
6. Press ▲ or ▼ to highlight **Frequency**, then press ► to access.
7. Press ▲ or ▼ to select a frequency, then press ◄ or ► to move to the next position and press **ENTER**. The TV locates your station.

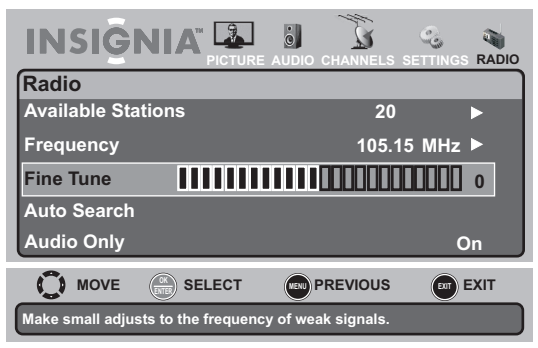
Note

If you want to clear specific radio station, you may set the frequency to 0.0MHz.

Fine tuning an FM station

To fine tune an FM station:

1. Press **MENU**. The on-screen menu opens with the *RADIO* menu displayed.
2. Press ▼ or **ENTER** to access.



3. Press ▲ or ▼ to select **Fine Tune**, then press ◄ or ► to fine tune the station.
4. Press **EXIT**.

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Troubleshooting

Warning

Do not try to repair your TV yourself. Contact authorized service personnel.

Video and audio

Problem	Solution
No picture or sound (the screen is not lit)	• Make sure that the power cord is plugged into a power outlet. • Press ⏻ (power) on your TV or the remote control. • Try another channel. The problem could be with the TV station.
Dark, poor, or no picture (the screen is lit), but sound is good	• Select the correct picture mode. For more information, see "Adjusting the picture" on page 16. • Adjust the brightness. For more information, see "Adjusting the picture" on page 16. • Make sure that the antenna or cable TV is connected correctly. For more information, see "Connecting an antenna, cable TV, or satellite TV box" on page 9.
No color, picture is dark, or color is not correct	• Adjust the color saturation. For more information, see "Adjusting the picture" on page 16.
Only noise (snow) appears on the screen	• Make sure that the antenna or cable TV is connected correctly. For more information, see "Connecting an antenna, cable TV, or satellite TV box" on page 9. • Try another channel. The problem could be with the TV station.
Picture has dotted lines or stripes	• Adjust the antenna. • Move your TV away from noise sources, such as cars, neon signs, or hair dryers.
Picture has double images	• Use a highly directional outdoor antenna or change to cable or satellite TV.
Picture has a few bright or dark dots	• A few bright or dark dots on an LCD screen is normal. It does not affect the operation of this TV.
Good picture, no sound	• Increase the volume. • Press **MUTE** to make sure that the sound is not muted. • Make sure that the audio mode is set to **STEREO** or **MONO**. For more information, see "Selecting the audio mode" on page 18.
Audio noise or static	• Move radio frequency communication equipment, such as a cordless phone, away from your TV.

Remote control

Problem	Solution
Remote control does not work	• Replace the battery. For more information, see "Installing the remote control battery" on page 7. • Make sure that the battery are inserted correctly. For more information, see "Installing the remote control battery" on page 7. • Make sure that the power cord is plugged into an AC power outlet.

General

Problem	Solution
Cannot tune to one or more channels	• The program you want to watch may be blocked through the parental controls. For more information, see "Setting parental control levels" on page 23 or "Turning the button lock on or off" on page 22. • The channel may have been deleted from the channel list. You can tune to the channel by pressing the number buttons or you can add the channel back to the channel list. For more information, see "Changing channel settings" on page 19.
Password is lost	• On the *Parental Controls* menu, enter **9999** for the password, then set a new password. For more information, see "Setting or changing the password" on page 22.
Cannot access some items	• If a setting or option is grayed out, it is not available in the current input mode.
TV cabinet creaks	• When you are using your TV, the temperature inside the cabinet increases. This causes the cabinet to expand or contract, which produces the creaking noise. This is not a malfunction.
Buttons do not work	• Unplug the power cord for a few seconds, then plug it back in and turn on your TV.

FM radio

Problem	Solution
Cannot hear the FM station well	• The receiving frequency is not tuned in fully. Adjust the frequency manually to improve reception. • Fully extend the FM antenna. • Keep the FM antenna as horizontal as possible.
Reception is weak and sound quality is poor	• The radio signal may be weak. Try moving your TV to another location (such as near a window) to improve reception.
The FM broadcast is affected by interference	• A device emitting radio signals, such as a mobile phone, is being used near your TV. Keep such devices away from your TV.

Note

If the problem is not solved by using these troubleshooting instructions, turn off your TV, then turn it on again.

Maintaining

- To clean your TV, wipe with it a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth dipped in a soap and water solution or a weak detergent solution.
- Use eyeglass cleaner to remove stubborn dirt from the screen.
- Never use alcohol, paint thinner or benzine to clean your TV.
- Before using a chemically treated cloth, read the instructions that came with the cloth carefully.

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Specifications

Design and specifications are subject to change without notice. Dimensions and weight are approximate.

TV type	LCD
TV panel	19-inch TFT LCD
TV system	NTSC-M, ATSC
Channels	VHF: 2 - 13 UHF: 14 - 69 CATV: 1 - 125 CADTV: 1-135 DTV: 2 - 69
Audio multiplex	BTSC system
Audio output	5W × 2
Power requirement	AC 120 V, 60 Hz
Power consumption	35 W
Dimensions	18.1 × 12.5 × 9.84 inches (19") (460 × 318 × 250 mm)
Weight	10.14 lbs. (4.6 kg)
Input terminals	Composite video/left and right audio (2) S-Video (2) Component video/left and right audio (2) HDMI (3) VGA/audio (1) FM antenna (1) Antenna (1)
Output terminals	Headphone jack (1) Audio output (1) Digital output (1)
Control terminals	RS-232 (1) Service Port (1)
FM radio presets	50
FM frequency range	87.0~107.9 MHz

Legal notices

FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply within the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

FCC warning

Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the user's authority to operate this equipment.

Canada ICES-003 statement

This Class B digital apparatus complies with Canadian ICES-003.
Standard Television Receiving Apparatus — Appareil de réception télévision ordinaire, Canada BETS-7 / NTMR-7

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Two-year limited warranty

Insignia Products ("Insignia") warrants to you, the original purchaser of this new **NS-L19X-10A** ("Product"), that the Product shall be free of defects in the original manufacture of the material or workmanship for a period of two (2) years from the date of your purchase of the Product ("Warranty Period"). This Product must be purchased from an authorized dealer of Insignia brand products and packaged with this warranty statement. This warranty does not cover refurbished Product. If you notify Insignia during the Warranty Period of a defect covered by this warranty that requires service, terms of this warranty apply.

How long does the coverage last?

The Warranty Period lasts for 2 years (730 days) from the date you purchased the Product. The purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a retail store location, take your original receipt and the Product to the store you purchased it from. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from an online web site, mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain in-home warranty service for a television with a screen 30 inches or larger, call 1-888-BESTBUY. Call agents will diagnose and correct the issue over the phone or will have an Insignia-approved repair person dispatched to your home.

Where is the warranty valid?

This warranty is valid only to the original purchaser of the product in the United States, Canada, and Mexico.

What does the warranty not cover?

This warranty does not cover:

- Customer instruction
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as lightning strikes
- Accident
- Misuse
- Abuse
- Negligence
- Commercial use
- Modification of any part of the Product, including the antenna
- Plasma display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).

This warranty also does not cover:

- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage supply
- Attempted repair by anyone other than a facility authorized by Insignia to service the Product
- Products sold as is or with all faults
- Consumables, such as fuses or batteries
- Products where the factory applied serial number has been altered or removed

REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. INSIGNIA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO, LOST DATA, LOSS OF USE OF YOUR PRODUCT, LOST BUSINESS OR LOST PROFITS. INSIGNIA PRODUCTS MAKES NO OTHER EXPRESS WARRANTIES WITH RESPECT TO THE PRODUCT, ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD. SOME STATES, PROVINCES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

Contact Insignia:

For customer service please call 1-877-467-4289
www.insigniaproducts.com

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